Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Quant Time: Feb 07 22:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	70012	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	264489	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	130756	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	201587	20.000	ng		0.00
76) Chrysene-d12	13.963	240	129006	20.000	ng		0.00
86) Perylene-d12	15.421	264	98648	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	315729	70.700	ng		0.00
7) Phenol-d6	6.428	99	443740	78.616	ng		-0.01
23) Nitrobenzene-d5	7.351	82	282536	55.717	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	38267	29.134	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	530802	62.542	ng		0.00
79) Terphenyl-d14	12.904	244	487603	63.808	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	38563	11.422	ng	#	77
25) Isophorone	7.351	82	269971	33.390	ng	#	66
31) Naphthalene	8.092	128	29039	2.109	ng		98
50) Dimethylphthalate	9.827	163	19488	2.195	ng	#	1
51) 2,6-Dinitrotoluene	9.827	165	17914	9.232	ng	#	23
52) Acenaphthene	9.857	154	36793	4.908	ng		98
55) Dibenzofuran	10.033	168	30877	2.806	ng	#	97
58) Fluorene	10.374	166	43599	5.125	ng		99
63) Azobenzene	10.539	77	35478	4.086	ng	#	1
71) Phenanthrene	11.339	178	684559	61.692	ng		100
72) Anthracene	11.392	178	229751	20.597	ng		100
73) Carbazole	11.545	167	24372	2.428	ng		93
75) Fluoranthene	12.539	202	1436009	122.064	ng		99
78) Pyrene	12.768	202	1402000	127.665	ng		99
81) Benzo(a)anthracene	13.951	228	688257	80.259	ng		97
83) Chrysene	13.992	228	472332	59.652	ng		96
84) Bis(2-ethylhexyl)phtha...	13.939	149	17258	4.023	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.868	276	248666	40.796	ng		96
88) Benzo(b)fluoranthene	15.004	252	792673	119.672	ng	#	97
89) Benzo(k)fluoranthene	15.004	252	792673	140.145	ng		98
90) Benzo(a)pyrene	15.362	252	444248	82.887	ng		97
91) Dibenzo(a,h)anthracene	16.874	278	62555	12.666	ng	#	88
92) Benzo(g,h,i)perylene	17.303	276	237741	45.998	ng		98

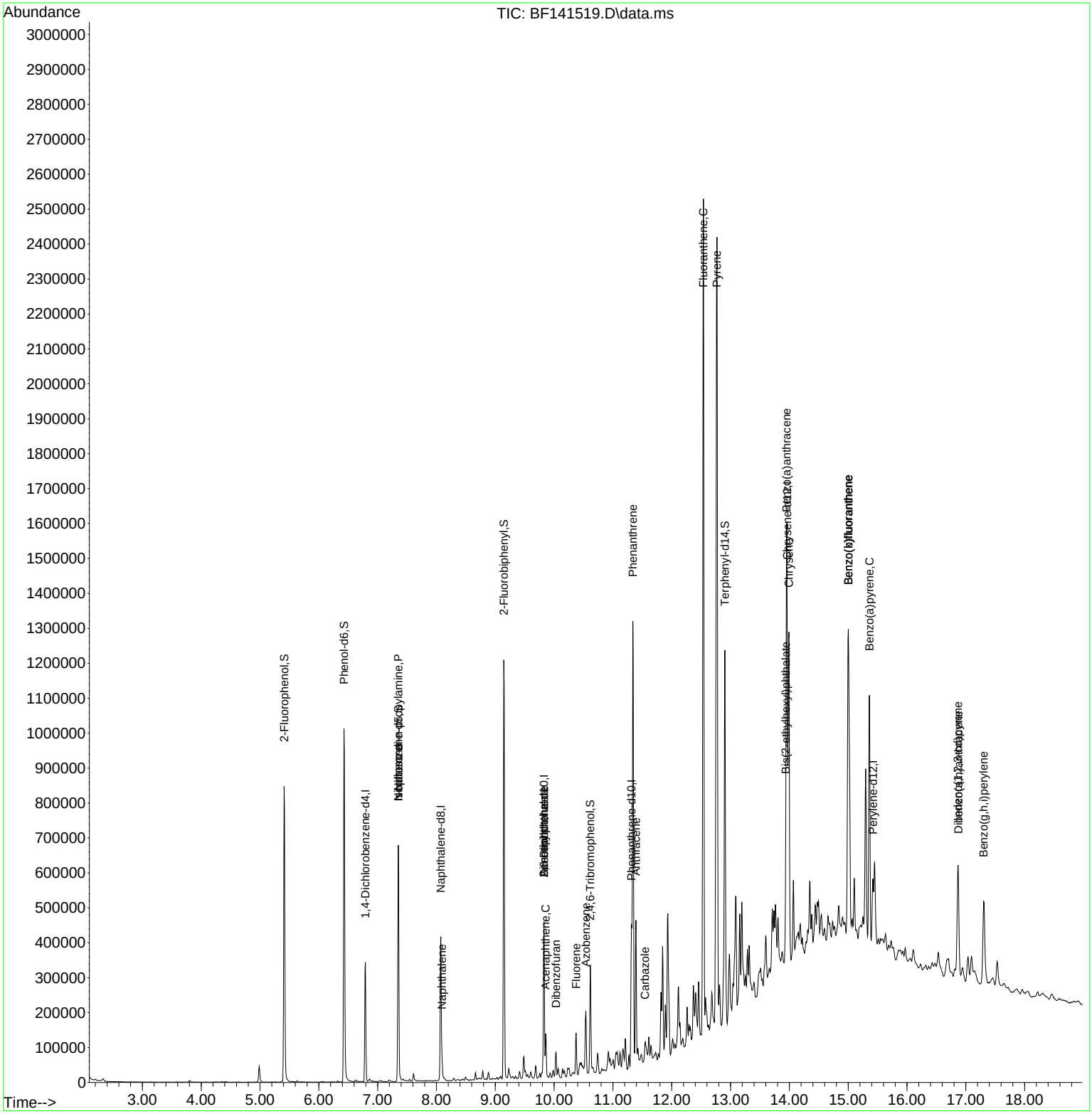
(#) = qualifier out of range (m) = manual integration (+) = signals summed

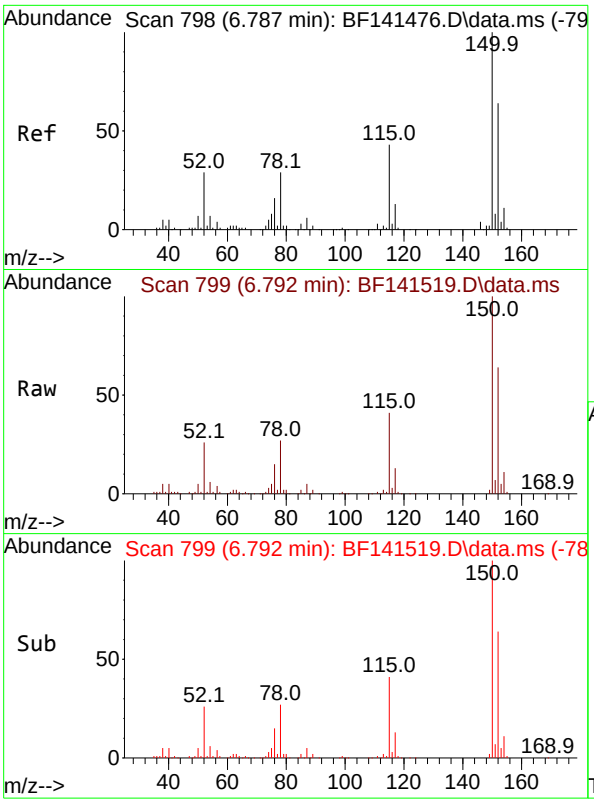
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
Data File : BF141519.D
Acq On : 07 Feb 2025 20:21
Operator : RC/JU
Sample : Q1232-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Quant Time: Feb 07 22:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration



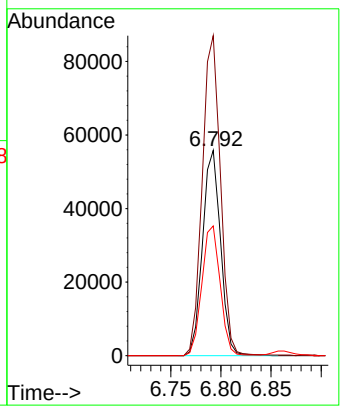


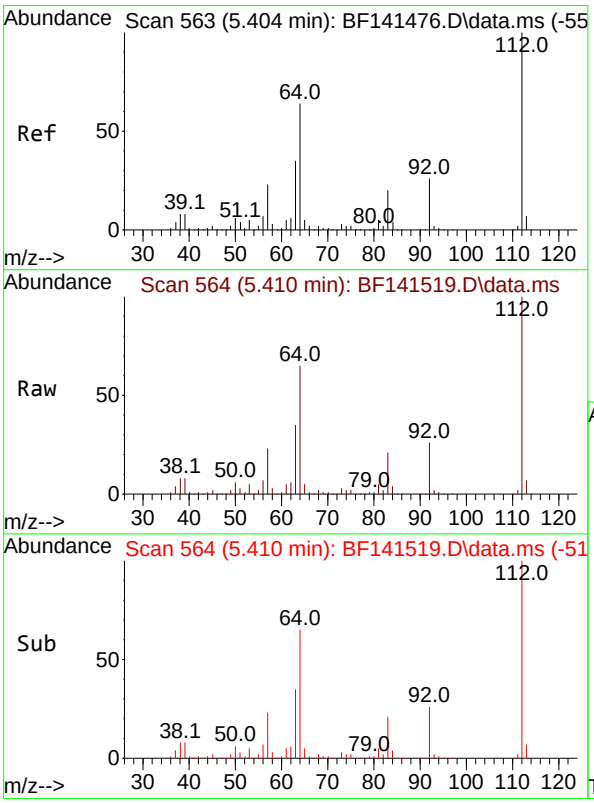
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:152 Resp: 70012

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.0	187.4
115	63.2	53.6	80.4

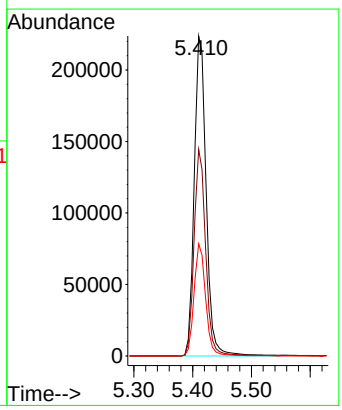


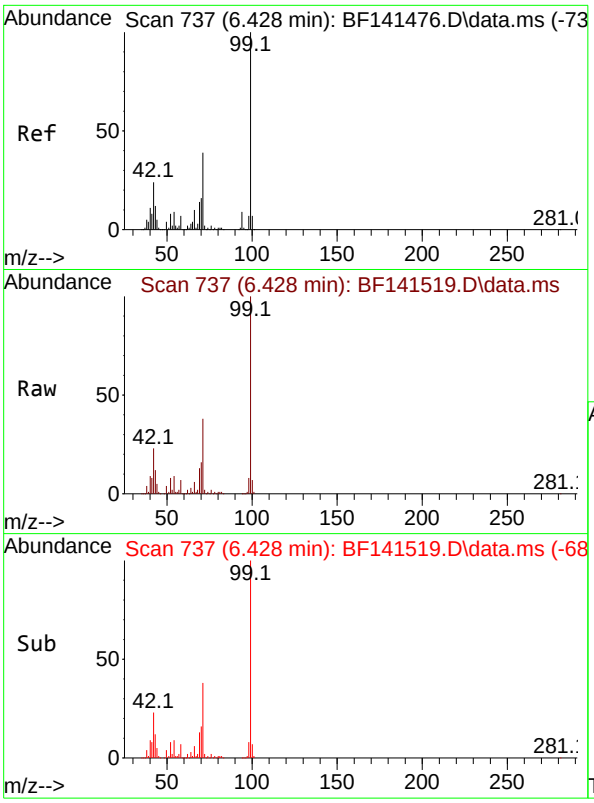


#5
2-Fluorophenol
Concen: 70.700 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:112 Resp: 315729

Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.1	76.7
63	35.1	28.4	42.6



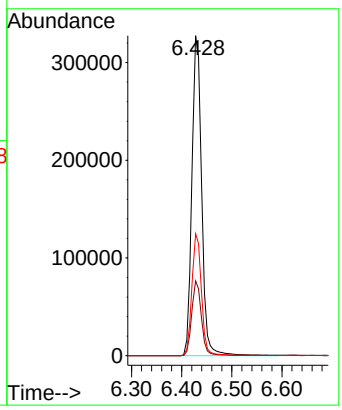


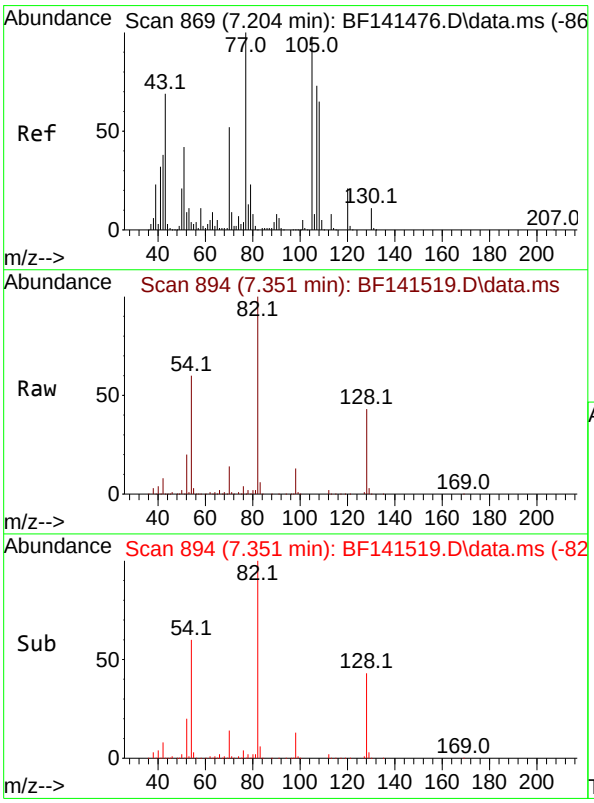
#7
Phenol-d6
Concen: 78.616 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion: 99 Resp: 443740

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.1	28.7
71	38.1	31.1	46.7

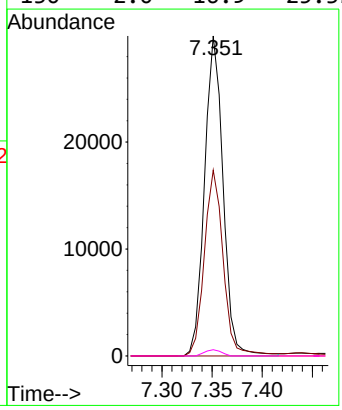


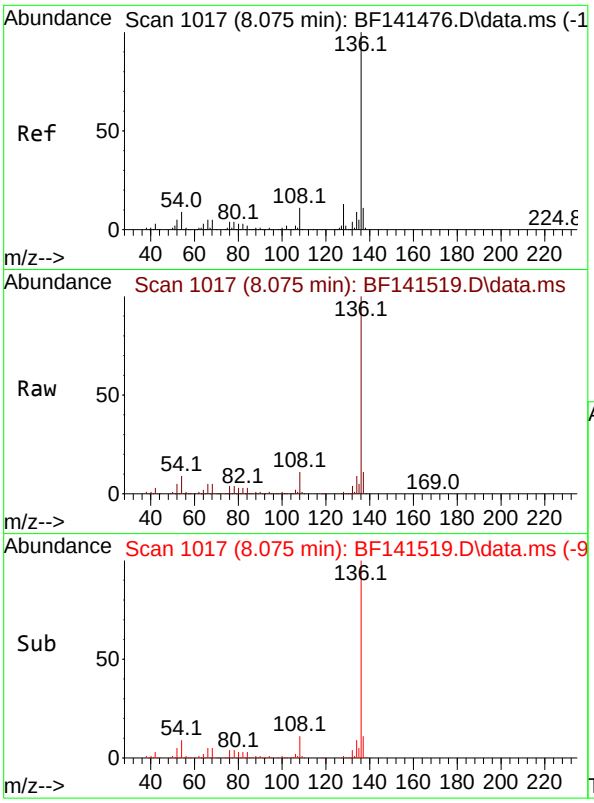


#19
n-Nitroso-di-n-propylamine
Concen: 11.422 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion: 70 Resp: 38563

Ion	Ratio	Lower	Upper
70	100		
42	58.0	57.4	86.2
101	0.0	8.0	12.0#
130	2.0	16.9	25.3#



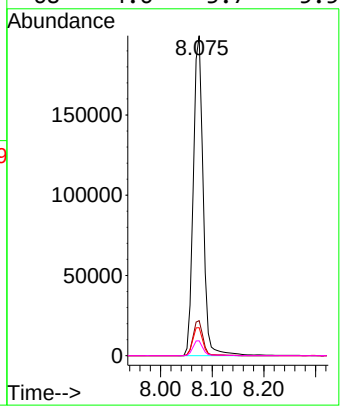


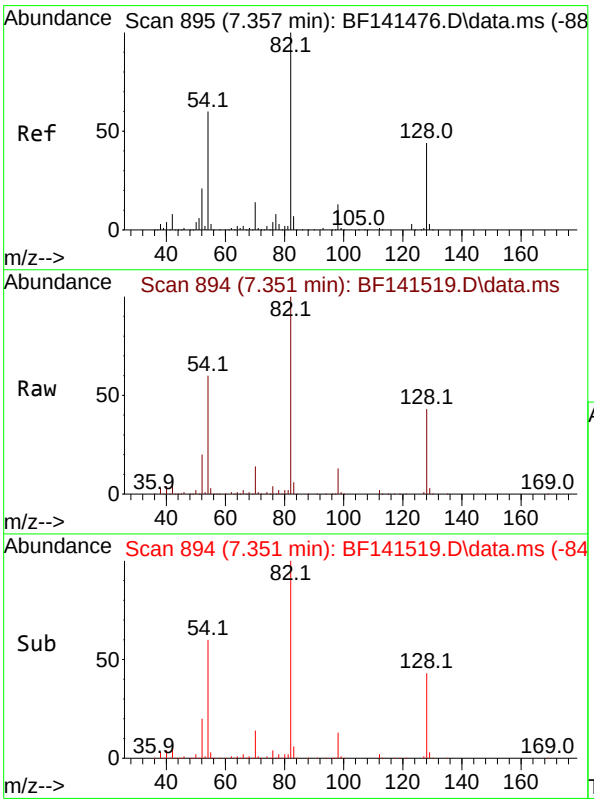
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:136 Resp: 264489

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.8	7.2	10.8
68	4.6	3.7	5.5

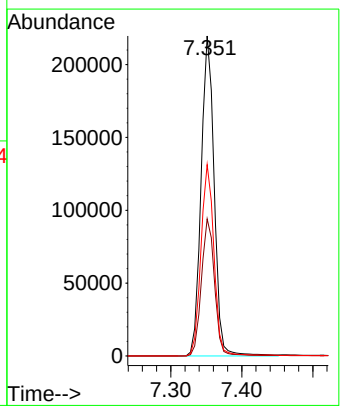


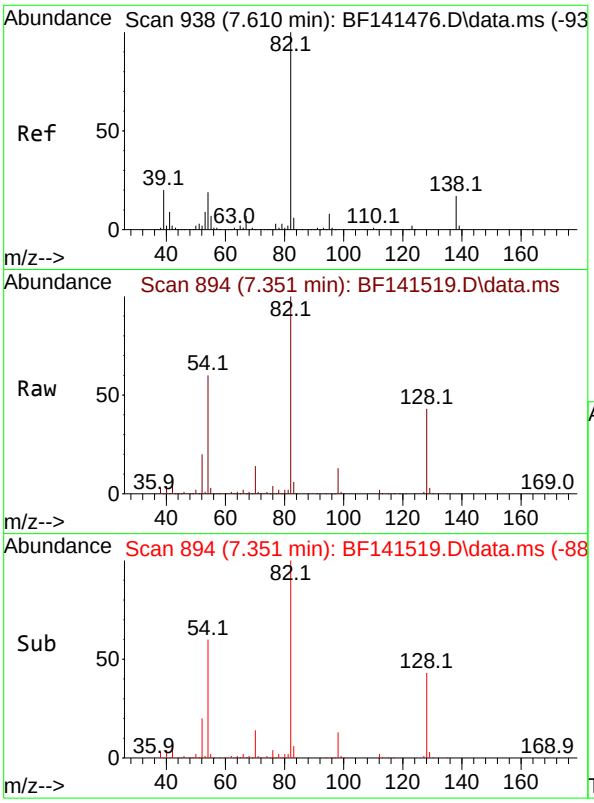


#23
Nitrobenzene-d5
Concen: 55.717 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion: 82 Resp: 282536

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.8	52.2
54	59.8	48.2	72.4



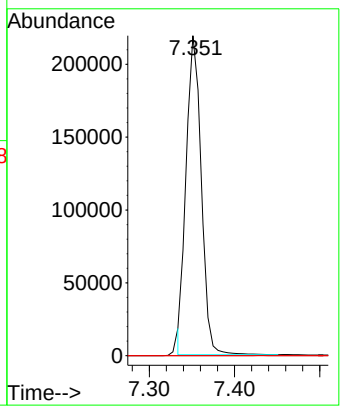


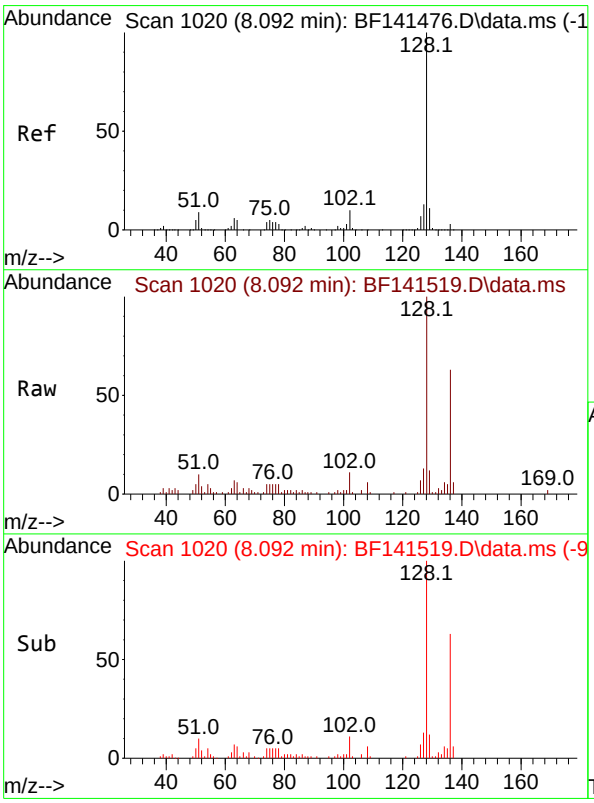
#25
Isophorone
Concen: 33.390 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.271 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion: 82 Resp: 269971

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	13.9	20.9#

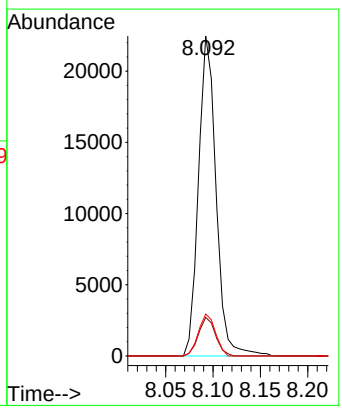


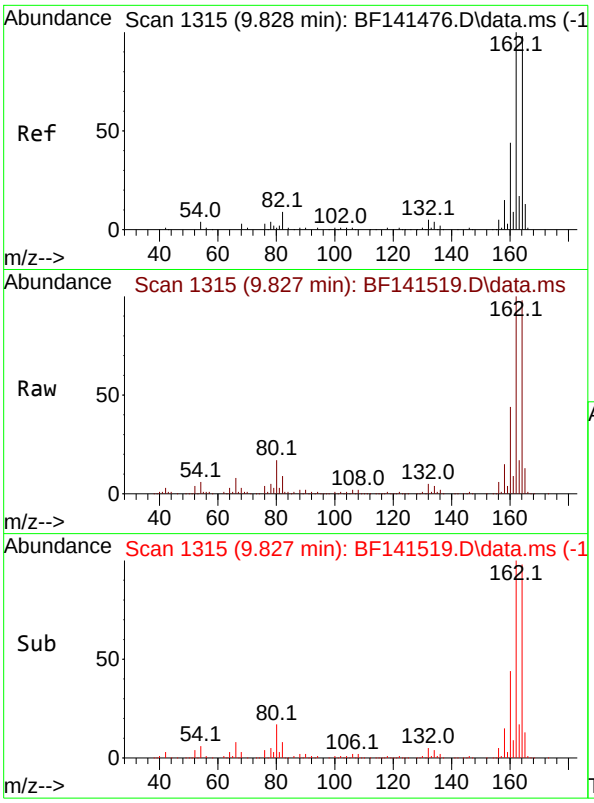


#31
Naphthalene
Concen: 2.109 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:128 Resp: 29039

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.9	13.3
127	13.1	10.7	16.1



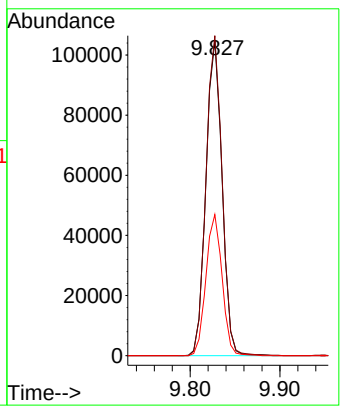


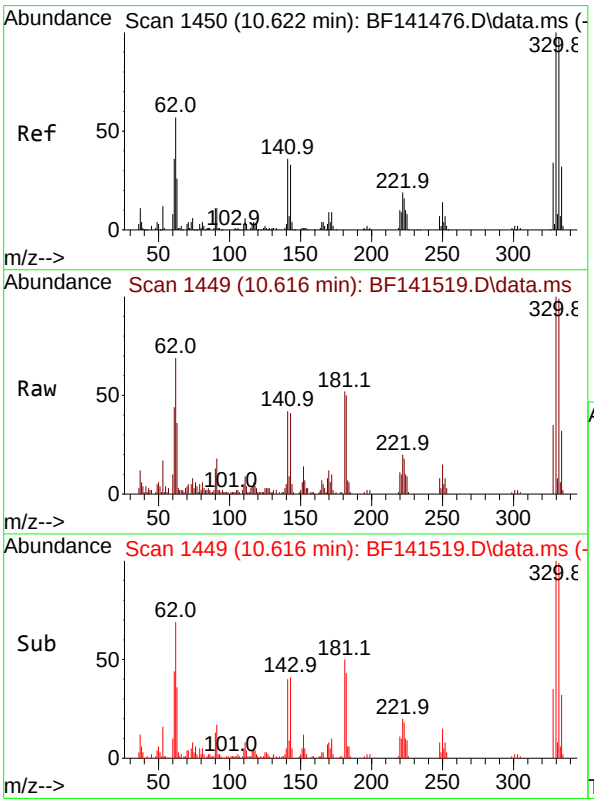
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:164 Resp: 130756

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	44.9	35.9	53.9

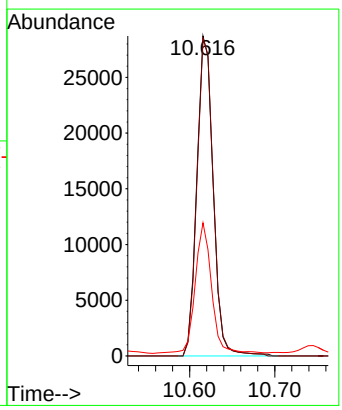


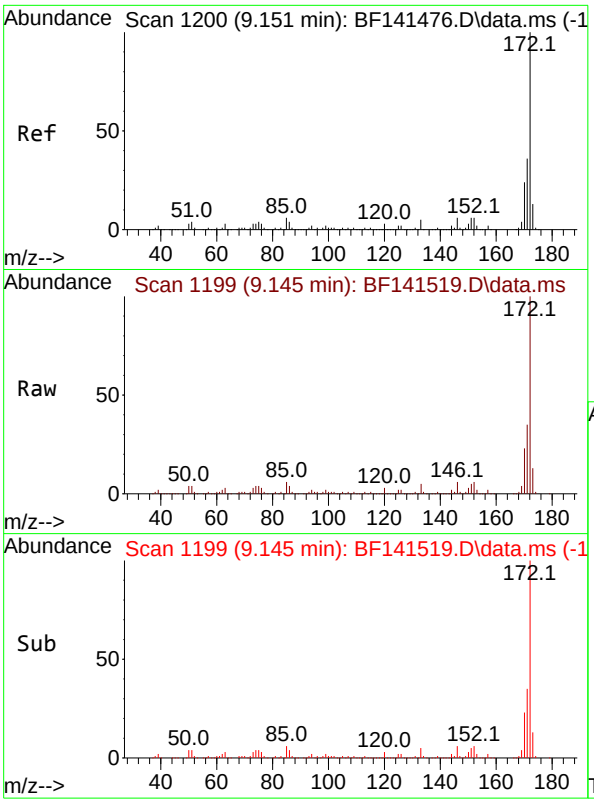


#42
2,4,6-Tribromophenol
Concen: 29.134 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:330 Resp: 38267

Ion	Ratio	Lower	Upper
330	100		
332	99.4	78.5	117.7
141	41.0	31.0	46.4



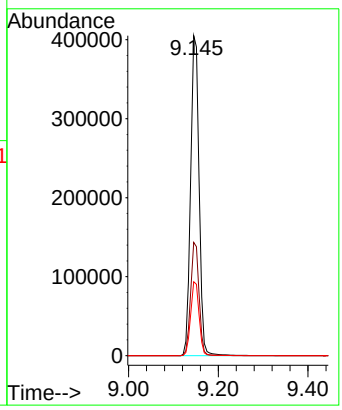


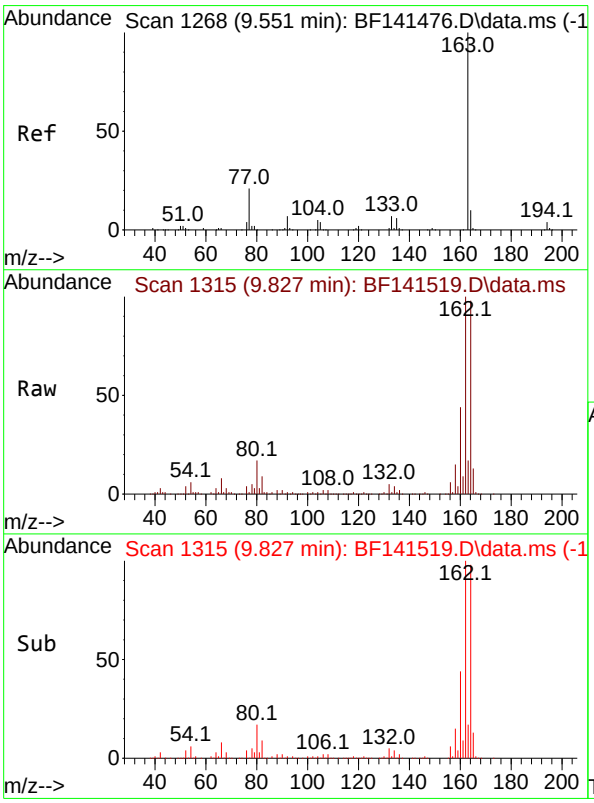
#45
2-Fluorobiphenyl
Concen: 62.542 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:172 Resp: 530802

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.1	18.9	28.3

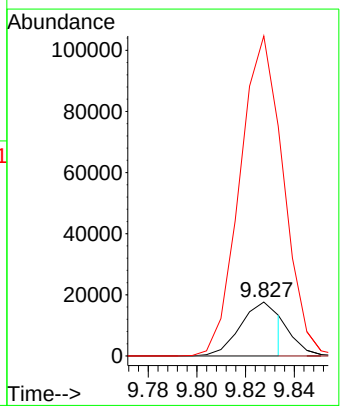


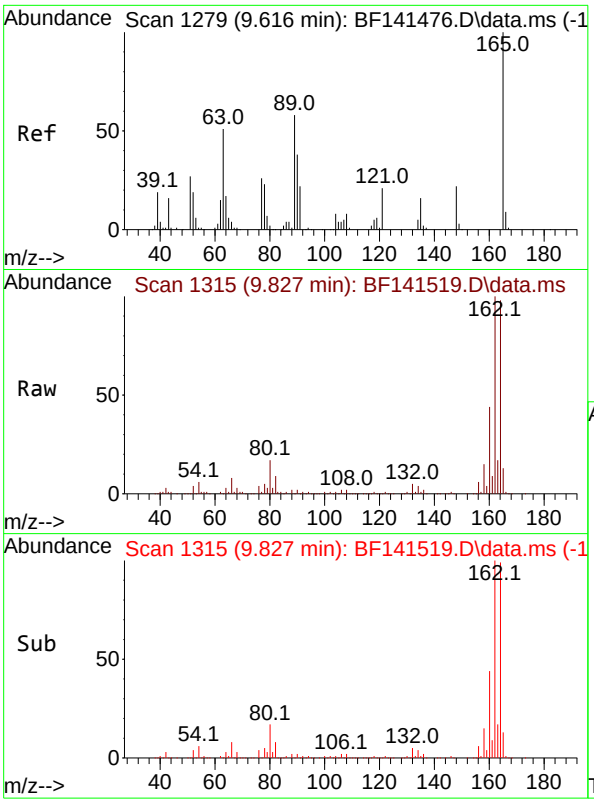


#50
Dimethylphthalate
Concen: 2.195 ng
RT: 9.827 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:163 Resp: 19488

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.4#
164	593.2	7.9	11.9#



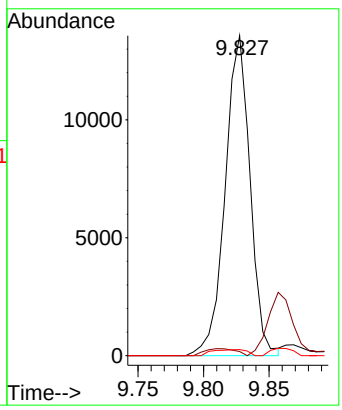


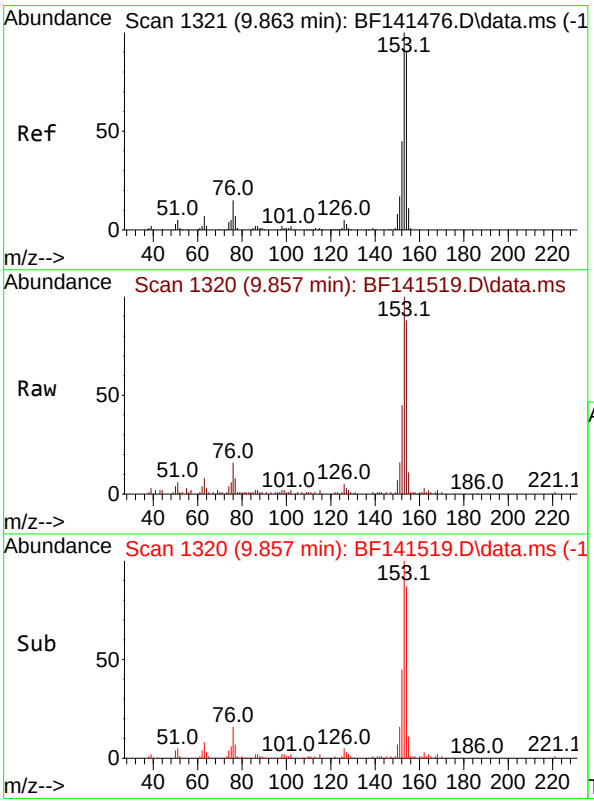
#51
2,6-Dinitrotoluene
Concen: 9.232 ng
RT: 9.827 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:165 Resp: 17914

Ion	Ratio	Lower	Upper
165	100		
63	1.3	49.4	74.0#
89	1.9	46.5	69.7#

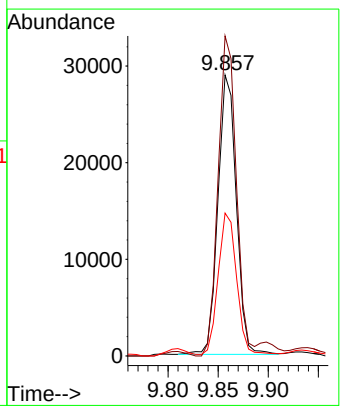


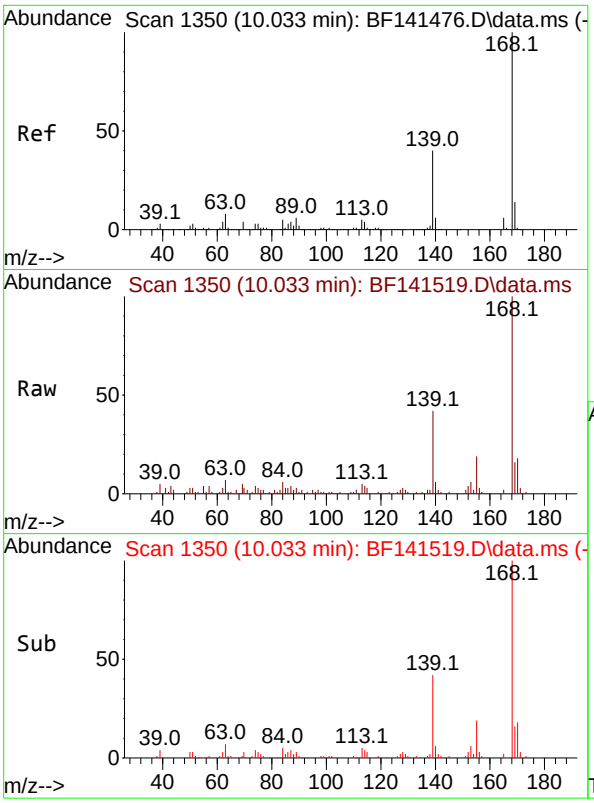


#52
Acenaphthene
Concen: 4.908 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:154 Resp: 36793

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	50.9	39.8	59.8



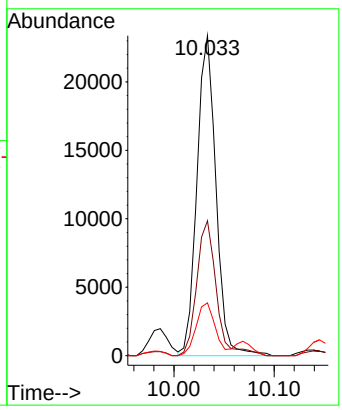


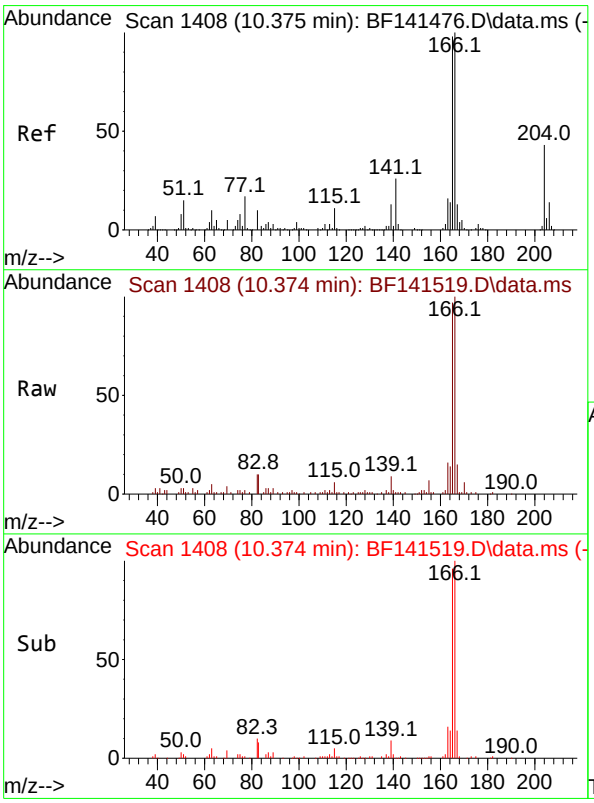
#55
Dibenzofuran
Concen: 2.806 ng
RT: 10.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:168 Resp: 30877

Ion	Ratio	Lower	Upper
168	100		
139	42.2	32.7	49.1
169	16.5	10.8	16.2#

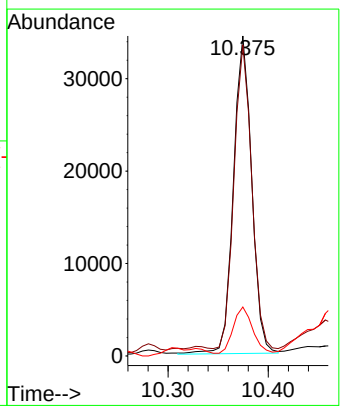


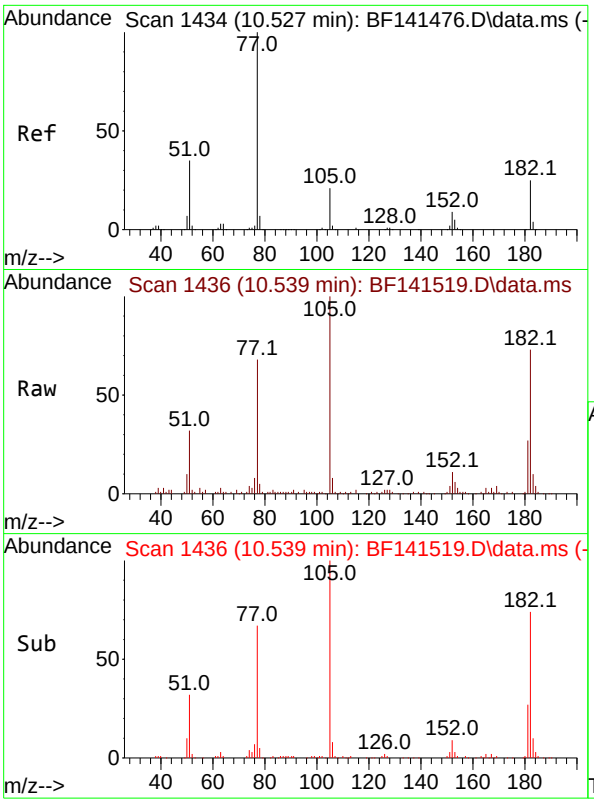


#58
Fluorene
Concen: 5.125 ng
RT: 10.374 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:166 Resp: 43599

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.2
167	15.3	10.7	16.1



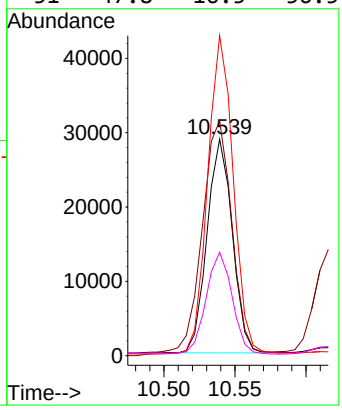


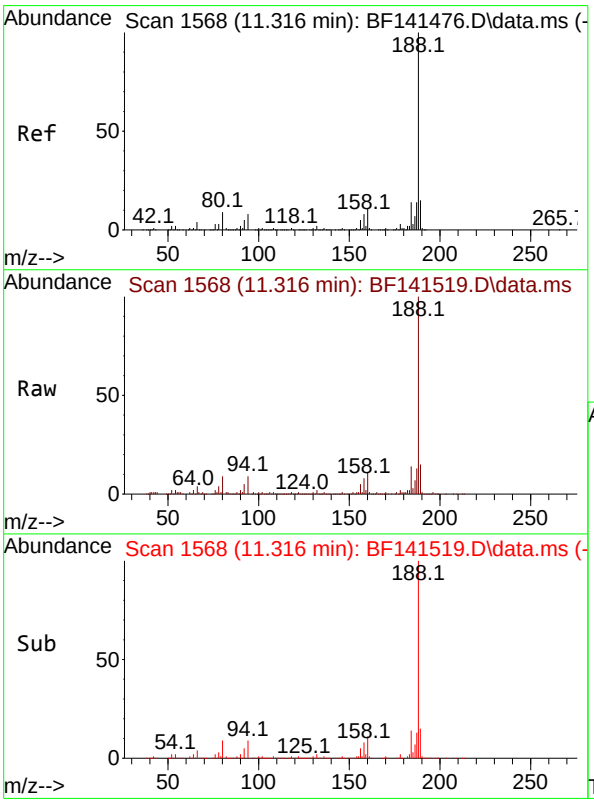
#63
Azobenzene
Concen: 4.086 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion: 77 Resp: 35478

Ion	Ratio	Lower	Upper
77	100		
182	108.6	4.7	44.7#
105	147.9	0.4	40.4#
51	47.8	16.5	56.5

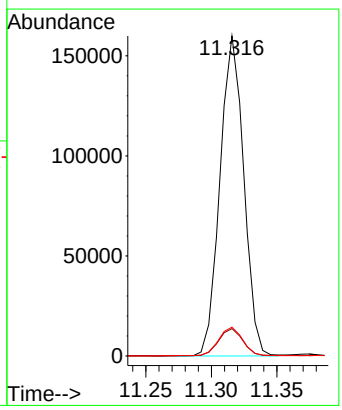


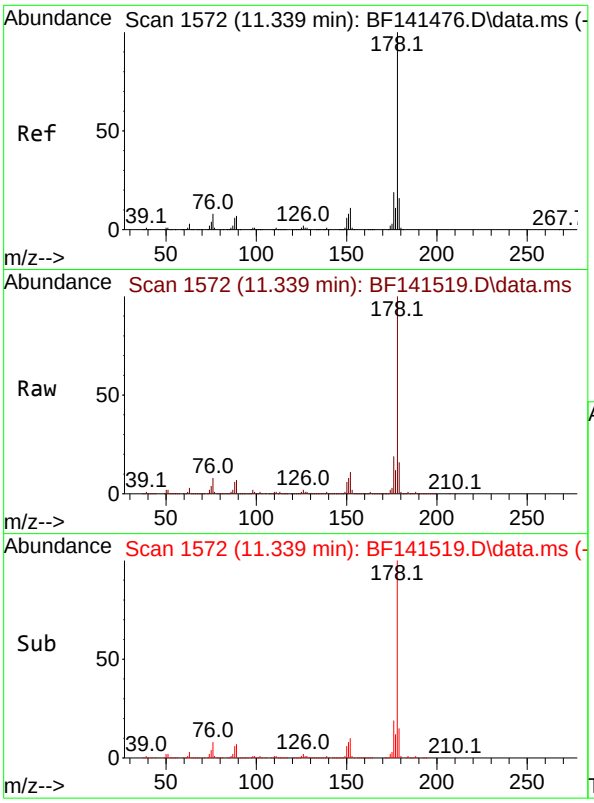


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:188 Resp: 201587

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.0	7.3	10.9



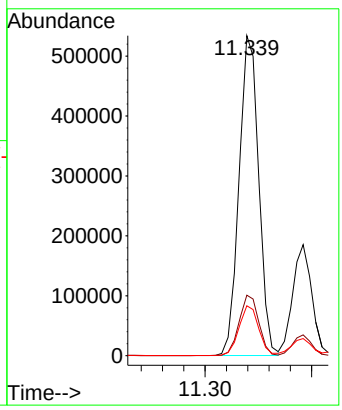


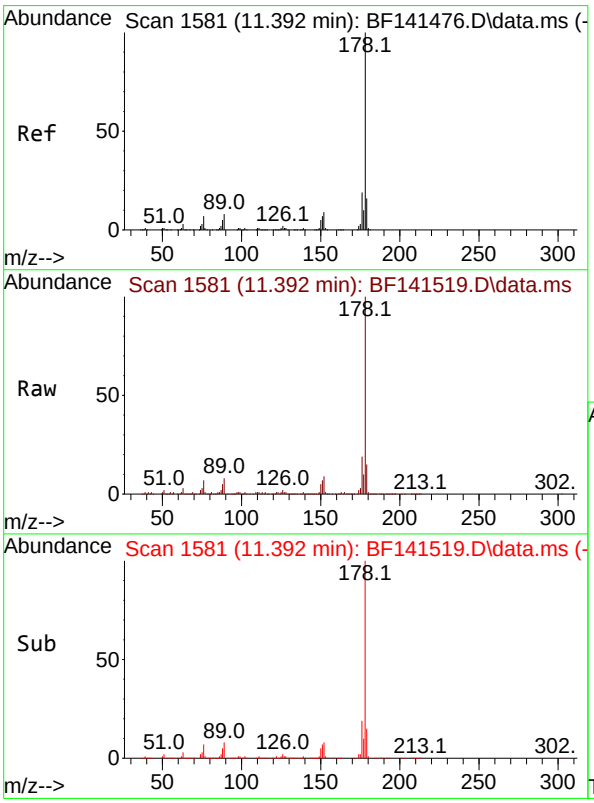
#71
Phenanthrene
Concen: 61.692 ng
RT: 11.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:178 Resp: 684559

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.6	12.4	18.6

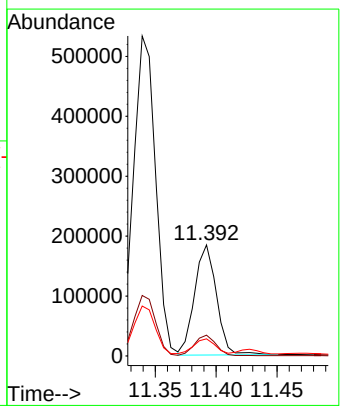


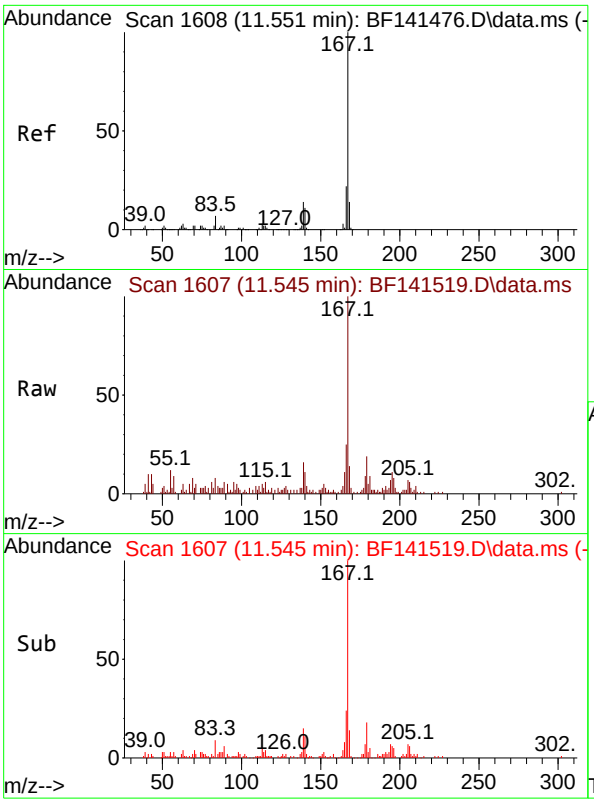


#72
Anthracene
Concen: 20.597 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:178 Resp: 229751

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.4	12.4	18.6



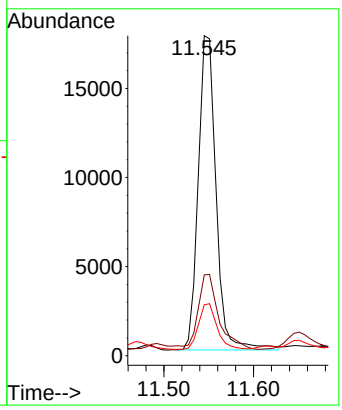


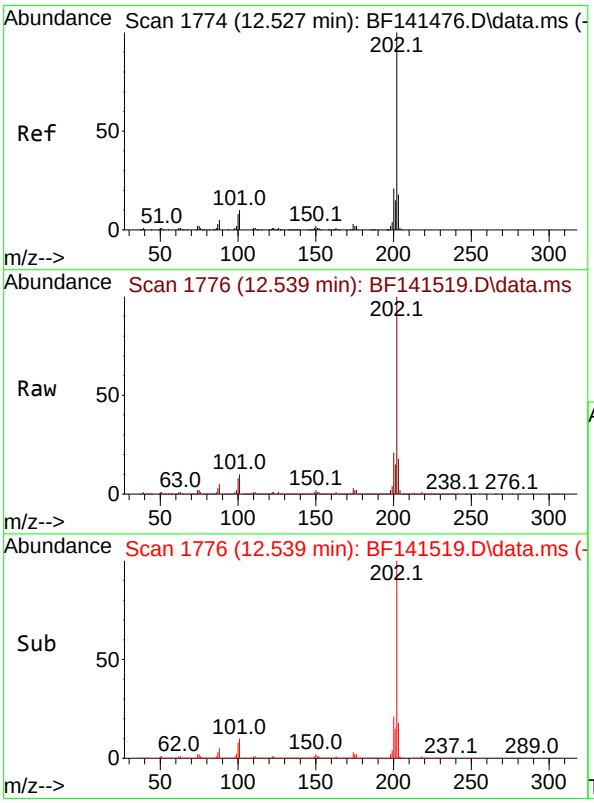
#73
Carbazole
Concen: 2.428 ng
RT: 11.545 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:167 Resp: 24372

Ion	Ratio	Lower	Upper
167	100		
166	25.2	17.4	26.2
139	15.9	10.9	16.3

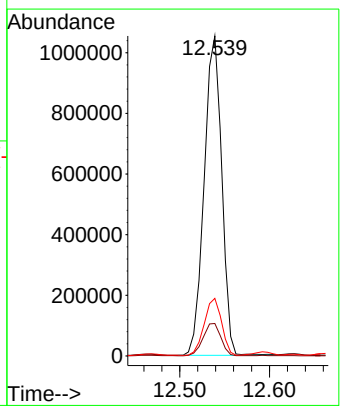


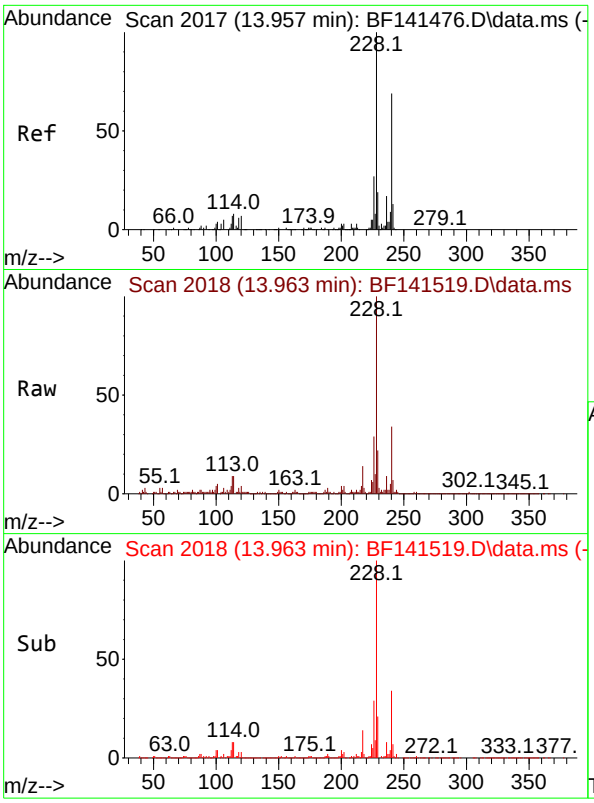


#75
Fluoranthene
Concen: 122.064 ng
RT: 12.539 min Scan# 1776
Delta R.T. 0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:202 Resp: 1436009

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.2
203	18.0	0.0	37.6



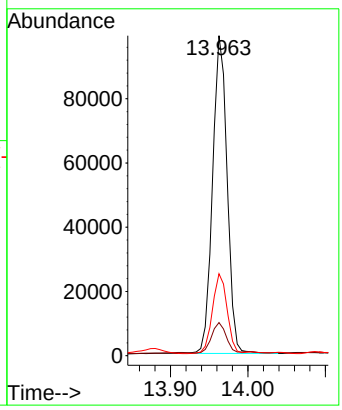


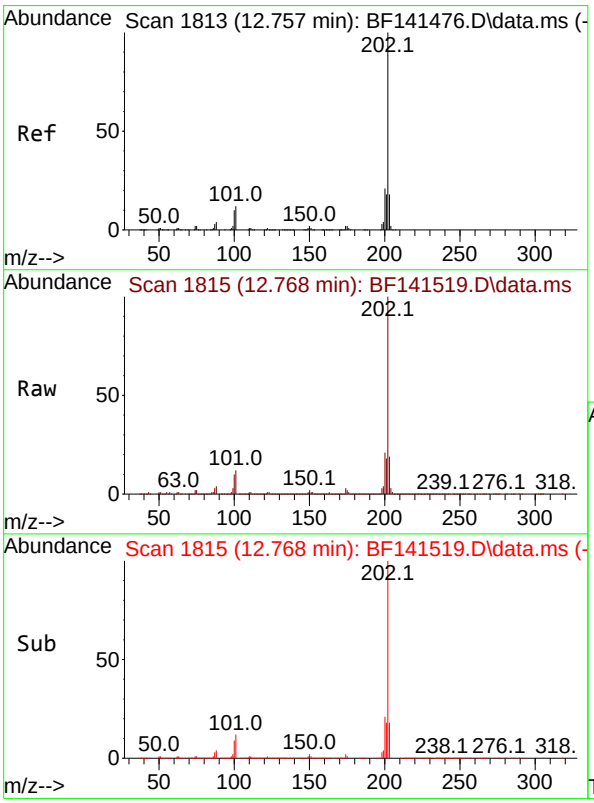
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:240 Resp: 129006

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.0	12.0
236	25.6	19.8	29.8

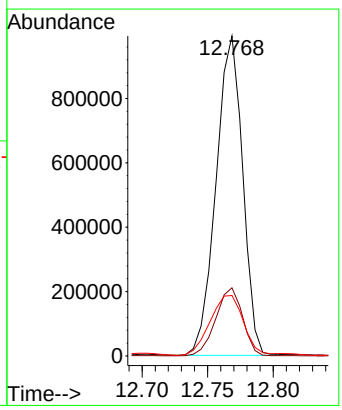


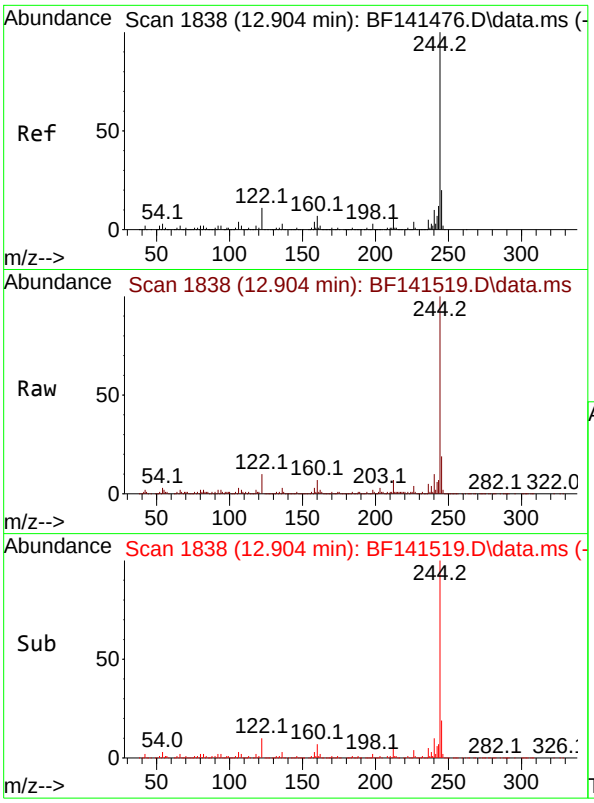


#78
Pyrene
Concen: 127.665 ng
RT: 12.768 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:202 Resp: 1402000

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	18.9	14.3	21.5



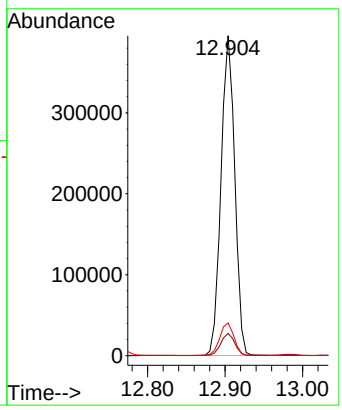


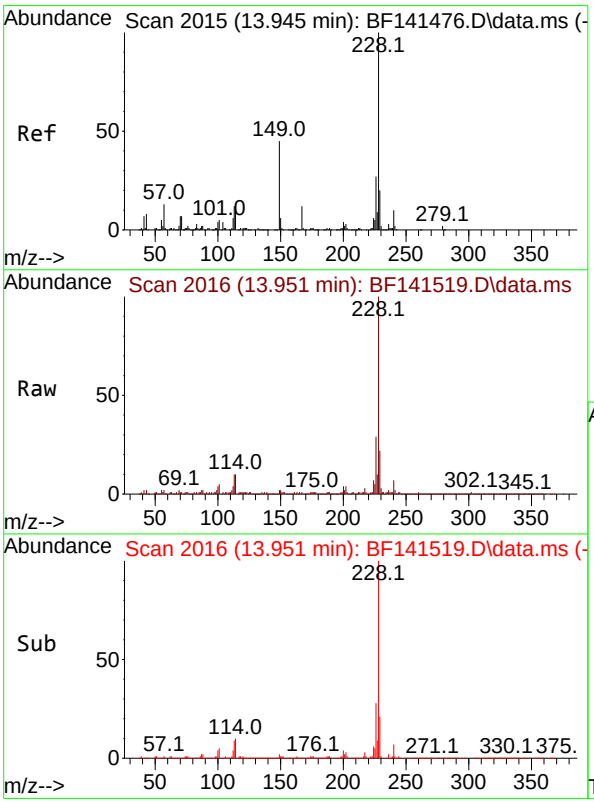
#79
Terphenyl-d14
Concen: 63.808 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:244 Resp: 487603

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.3	8.4	12.6

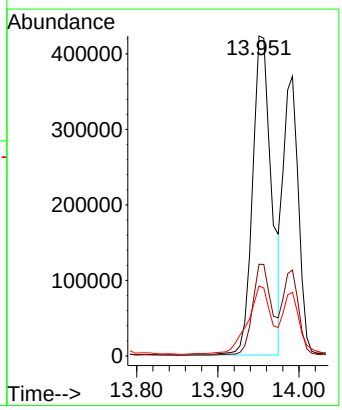


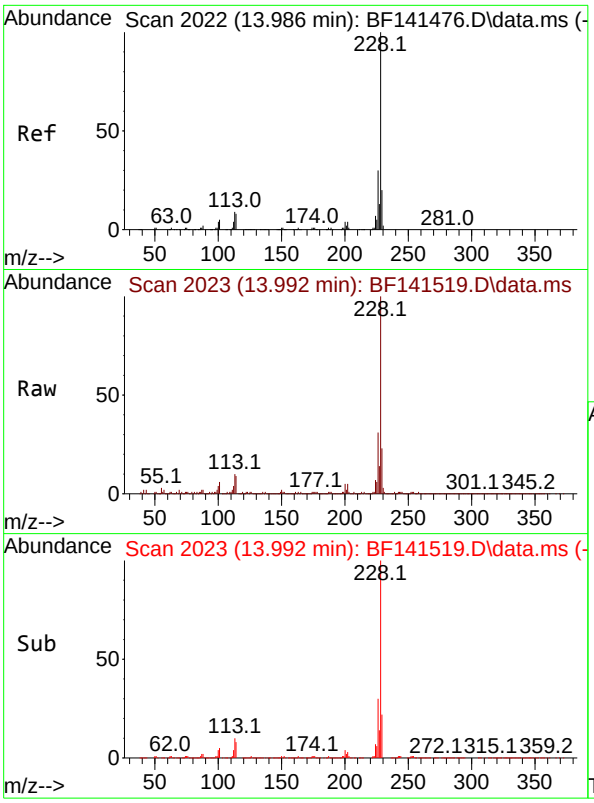


#81
Benzo(a)anthracene
Concen: 80.259 ng
RT: 13.951 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:228 Resp: 688257

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.8	32.8
229	21.9	15.8	23.6



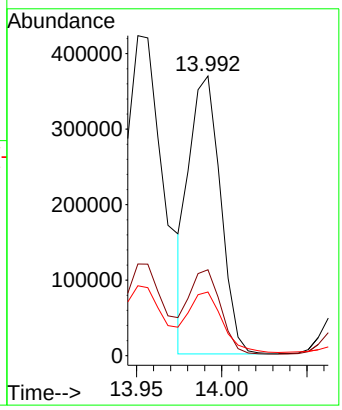


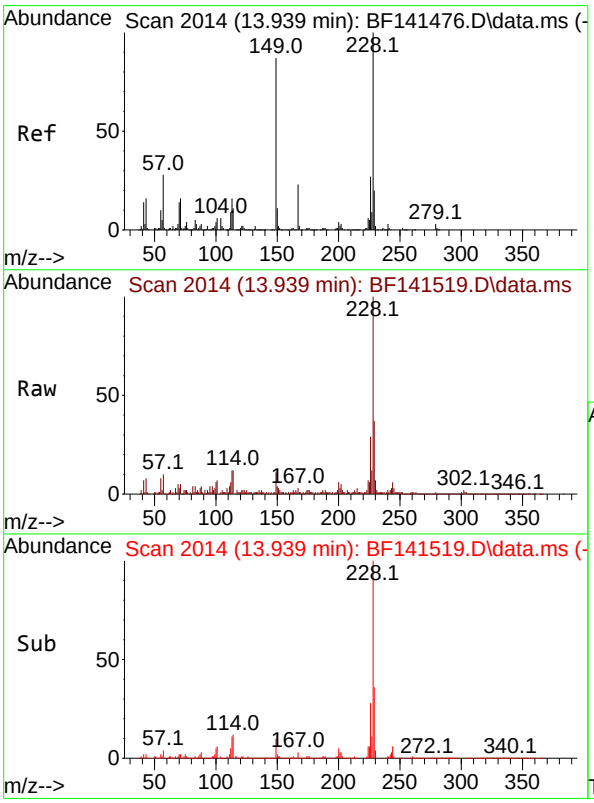
#83
Chrysene
Concen: 59.652 ng
RT: 13.992 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:228 Resp: 472332

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	22.8	15.7	23.5

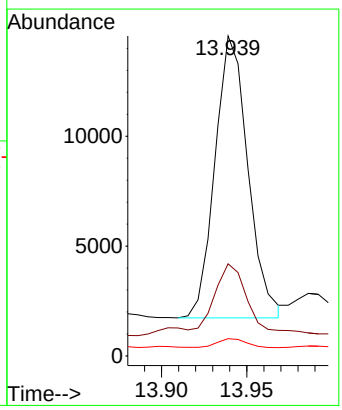


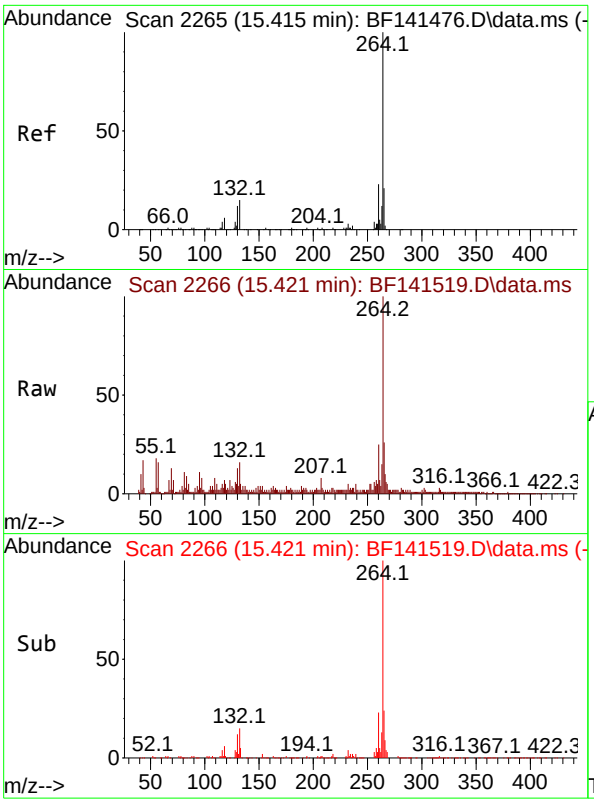


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.023 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:149 Resp: 17258

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.4	32.0
279	5.4	3.1	4.7#



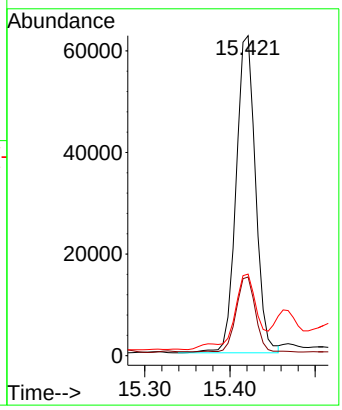


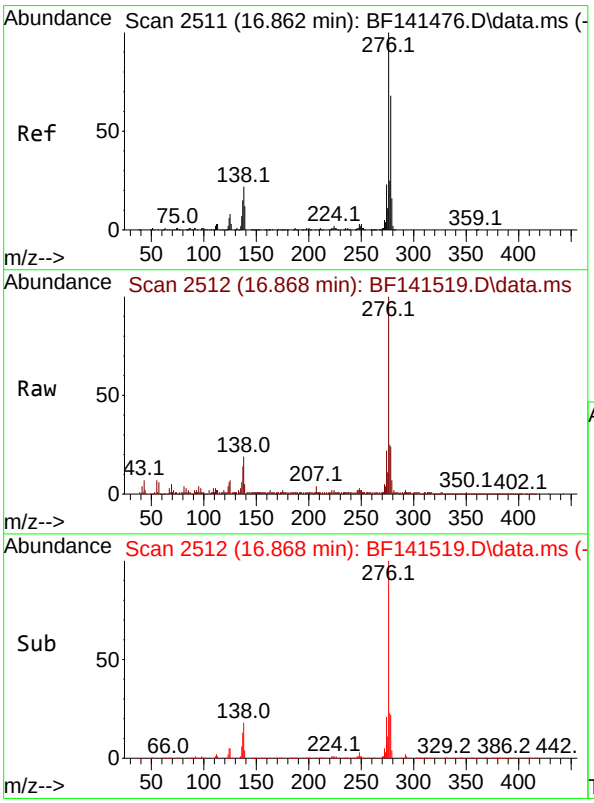
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:264 Resp: 98648

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	25.5	17.0	25.4#

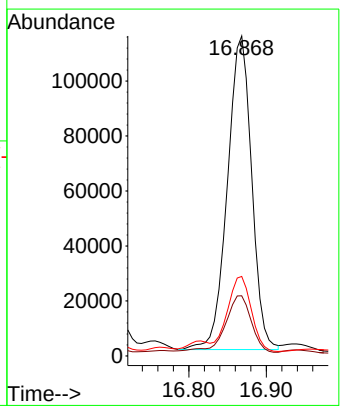


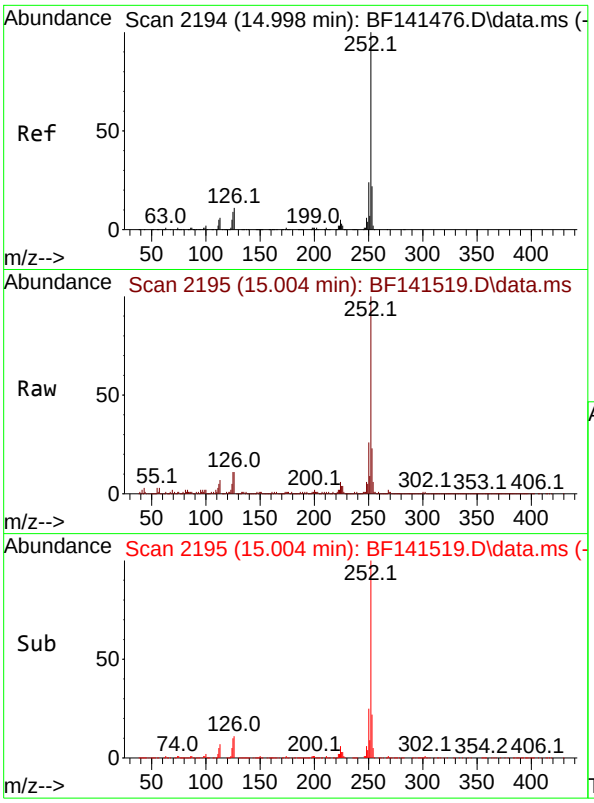


#87
Indeno(1,2,3-cd)pyrene
Concen: 40.796 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:276 Resp: 248666

Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.0	27.0
277	23.7	20.4	30.6



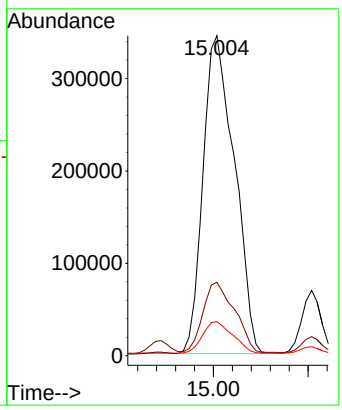


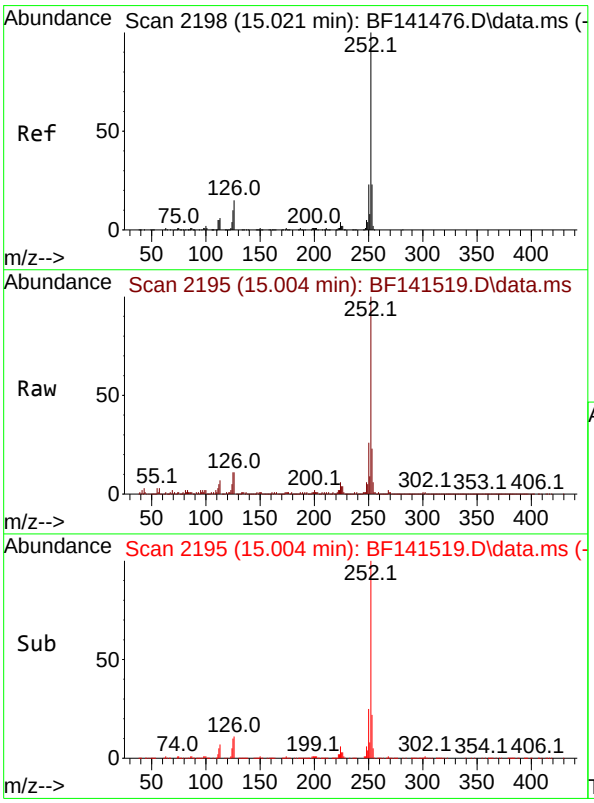
#88
Benzo(b)fluoranthene
Concen: 119.672 ng
RT: 15.004 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:252 Resp: 792673

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.7	7.0	10.6#

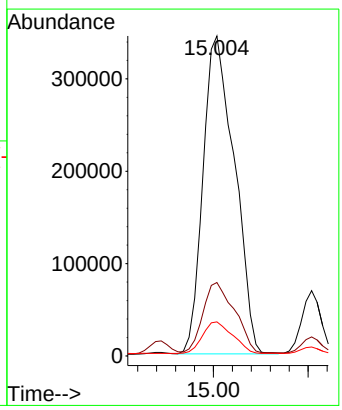


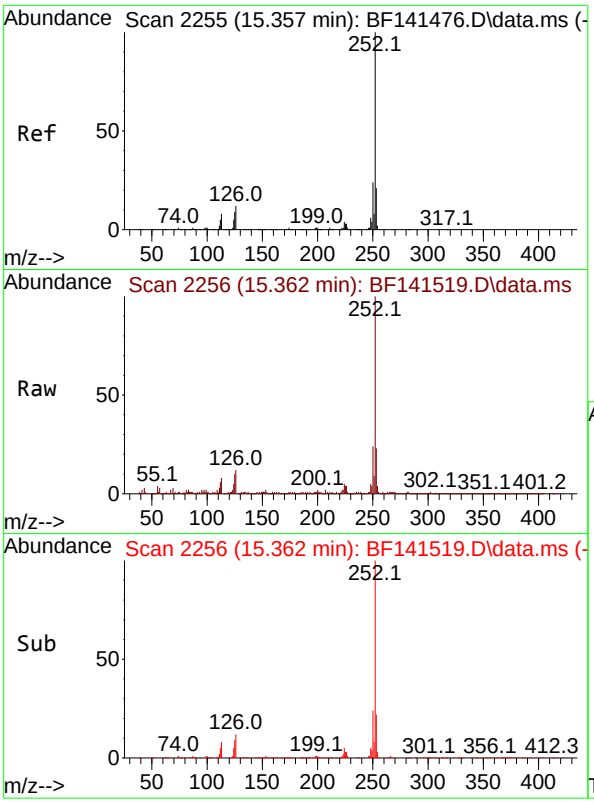


#89
Benzo(k)fluoranthene
Concen: 140.145 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:252 Resp: 792673

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.7	7.4	11.0



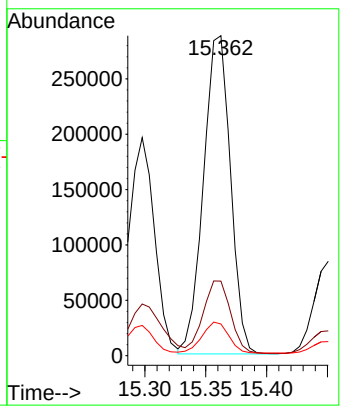


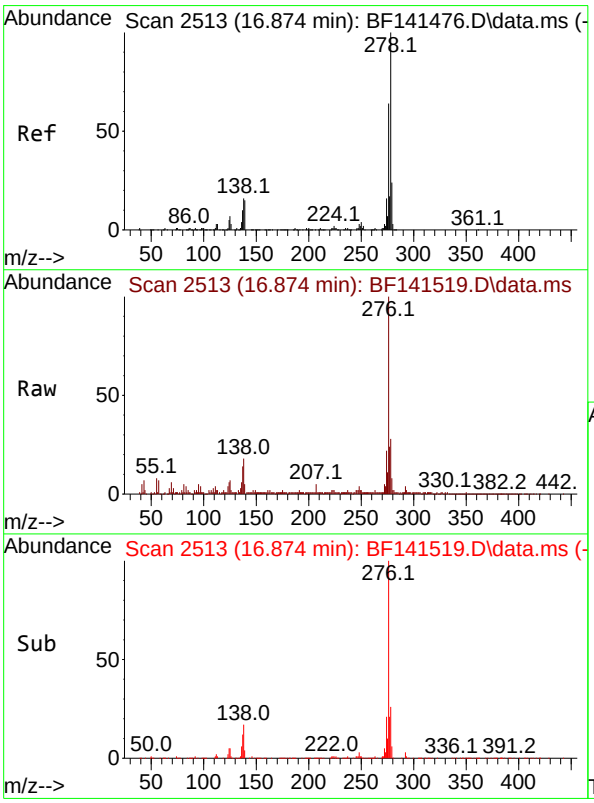
#90
Benzo(a)pyrene
Concen: 82.887 ng
RT: 15.362 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:252 Resp: 444248

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	9.9	7.4	11.2

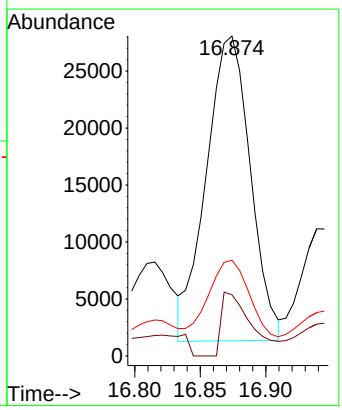


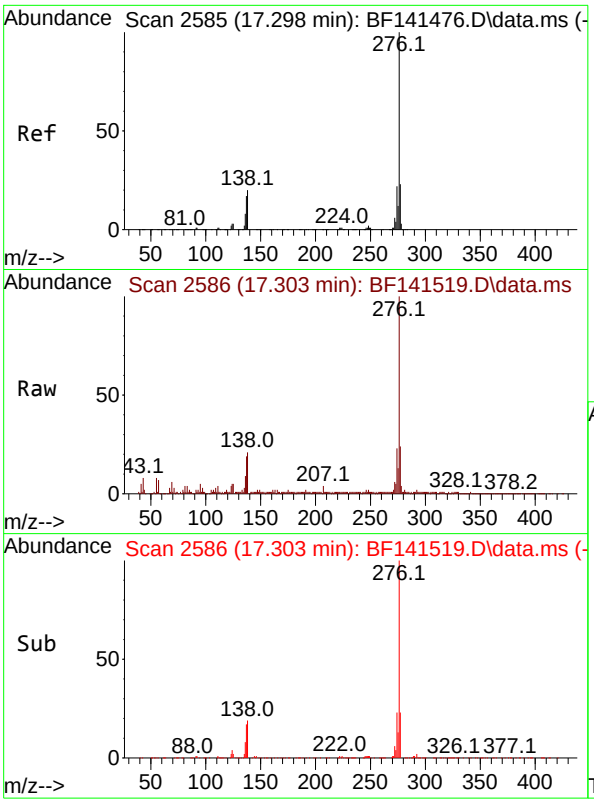


#91
Dibenzo(a,h)anthracene
Concen: 12.666 ng
RT: 16.874 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Tgt Ion:278 Resp: 62555

Ion	Ratio	Lower	Upper
278	100		
139	19.1	11.8	17.6#
279	29.9	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 45.998 ng
RT: 17.303 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141519.D
Acq: 07 Feb 2025 20:21

Instrument :
BNA_F
ClientSampleId :
JPP-42.2-012925

Tgt Ion:276 Resp: 237741

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	21.0	15.9	23.9