Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141433.D
Acq On : 05 Feb 2025 02:07
Operator : RC/JU
Sample : Q1241-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Quant Time: Feb 05 02:46:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	80166	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	313710	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	169555	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	249652	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	170048	20.000	ng	#-0.01
86) Perylene-d12	15.416	264	132625	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	401888	76.963	ng	0.00
7) Phenol-d6	6.434	99	576328	86.759	ng	0.00
23) Nitrobenzene-d5	7.351	82	382400	64.259	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	98060	63.084	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	668759	60.709	ng	-0.01
79) Terphenyl-d14	12.904	244	537146	48.714	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	51671	13.091	ng	# 77
25) Isophorone	7.351	82	377459	36.694	ng	# 64
50) Dimethylphthalate	9.828	163	24641	2.152	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	21493	8.083	ng	# 24
57) 2,4-Dinitrotoluene	9.828	165	21493	6.243	ng	# 24
63) Azobenzene	10.539	77	40051	3.603	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	6992	2.502	ng	# 1
71) Phenanthrene	11.339	178	230901	17.206	ng	99
72) Anthracene	11.392	178	74607	5.674	ng	99
75) Fluoranthene	12.533	202	507589	38.307	ng	98
78) Pyrene	12.763	202	549605	33.671	ng	99
81) Benzo(a)anthracene	13.951	228	245477	20.920	ng	96
83) Chrysene	13.986	228	193486	17.992	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	33795	4.672	ng	# 98
88) Benzo(b)fluoranthene	14.998	252	334386	40.082	ng	98
89) Benzo(k)fluoranthene	14.998	252	334386	45.246	ng	98
90) Benzo(a)pyrene	15.357	252	181316	25.719	ng	96
91) Dibenzo(a,h)anthracene	16.868	278	20998	3.049	ng	# 77
92) Benzo(g,h,i)perylene	17.298	276	80443	11.234	ng	95

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

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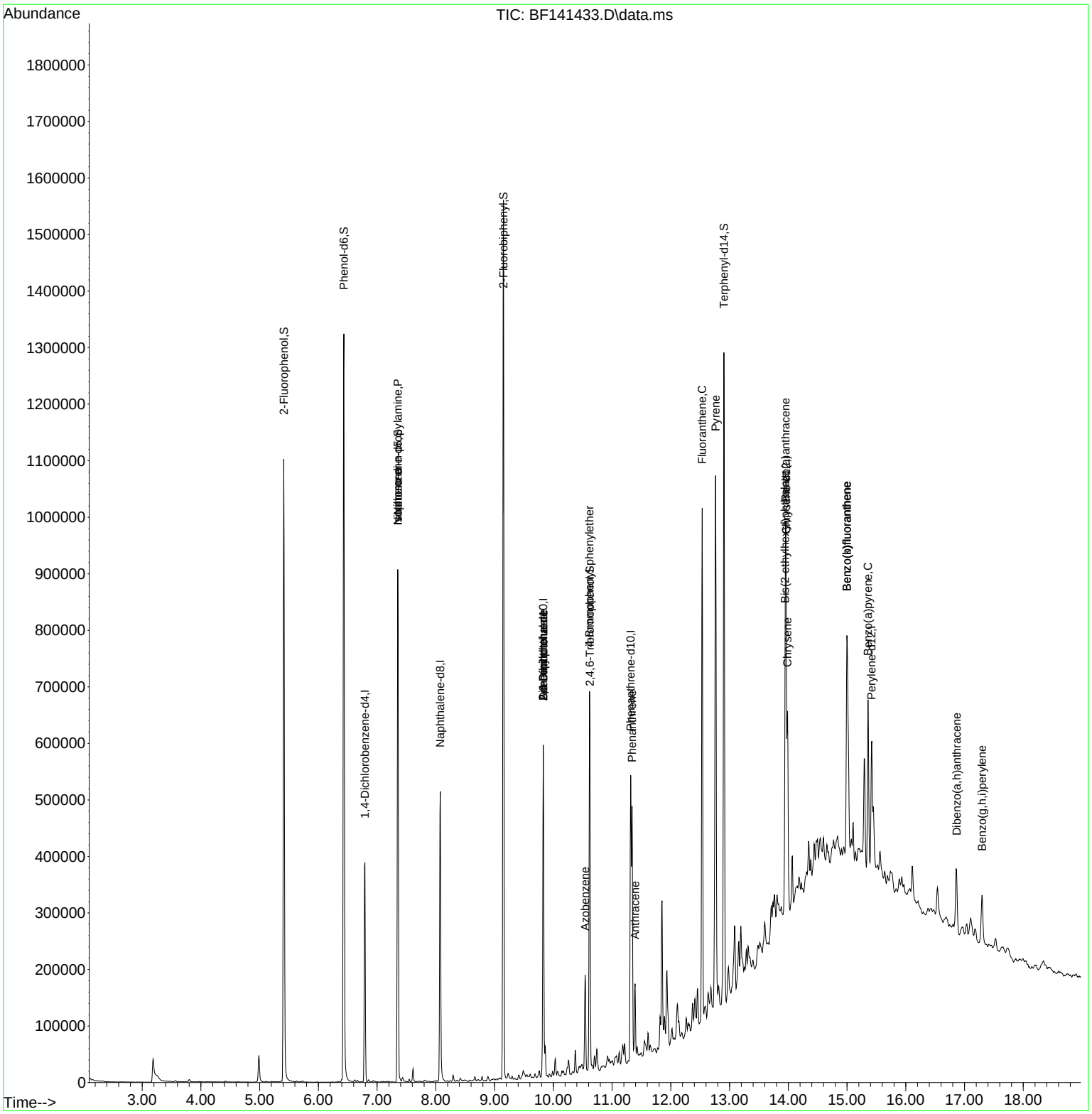
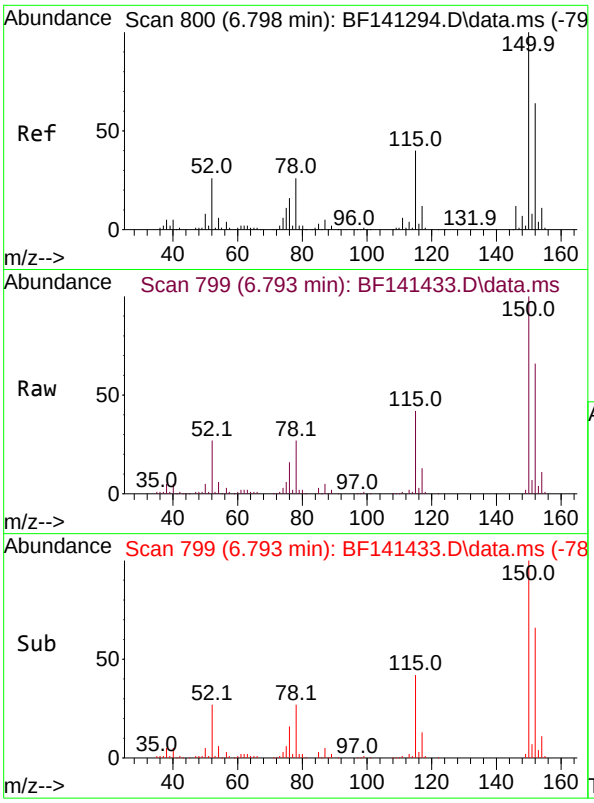


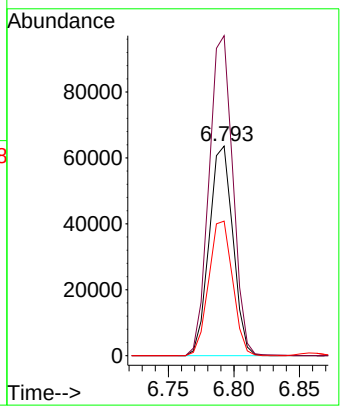


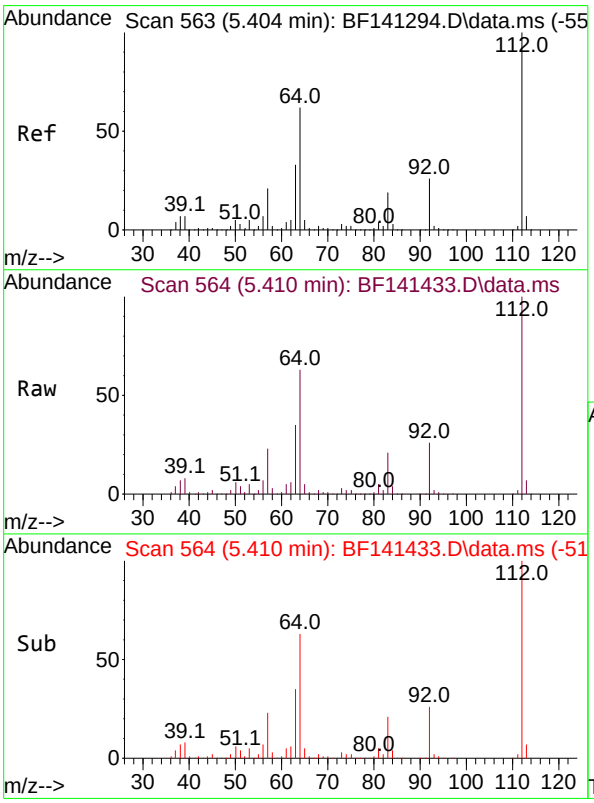
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:152 Resp: 80166

Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.9	188.9
115	64.1	49.7	74.5

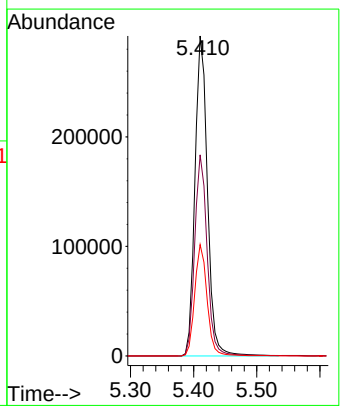


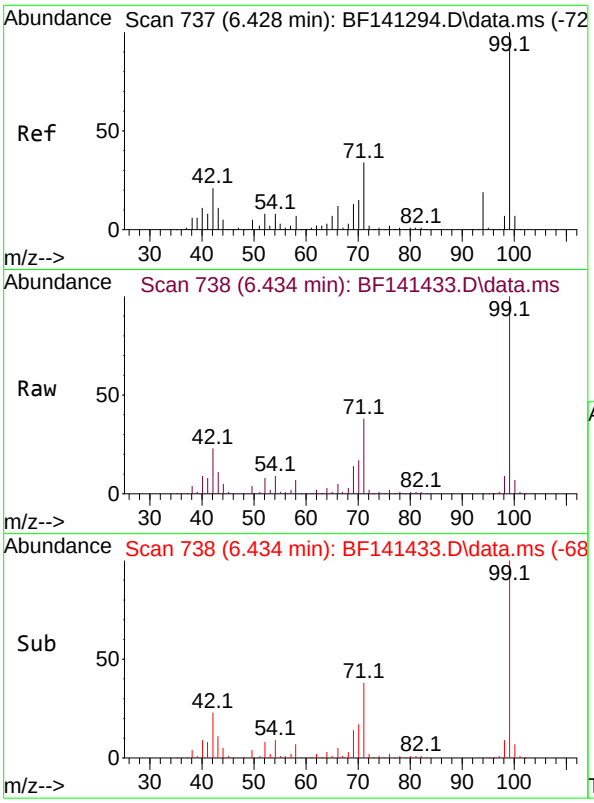


#5
2-Fluorophenol
Concen: 76.963 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:112 Resp: 401888

Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.8	74.8
63	34.8	26.1	39.1



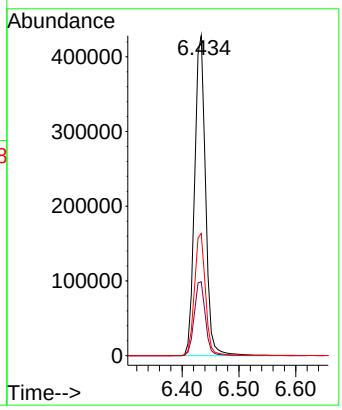


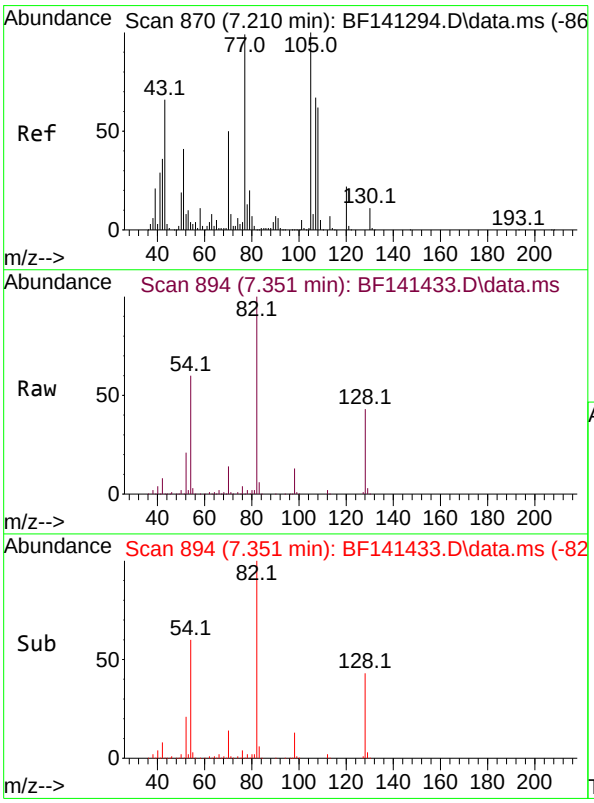
#7
Phenol-d6
Concen: 86.759 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion: 99 Resp: 576328

Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.1	25.7
71	38.2	26.9	40.3

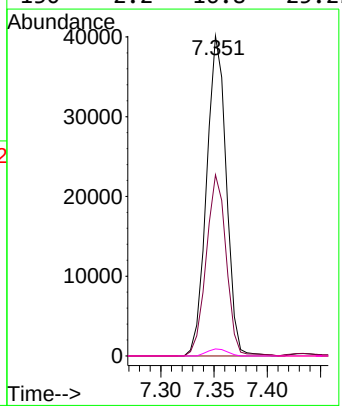


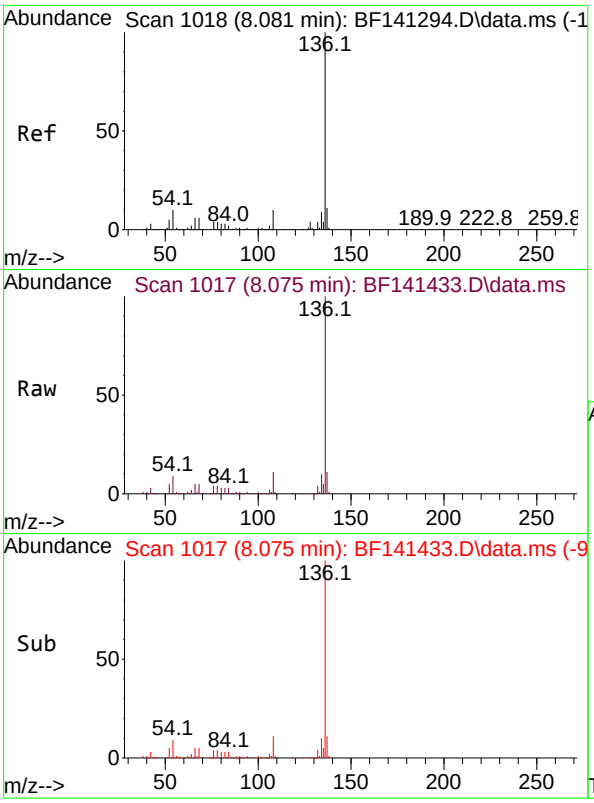


#19
n-Nitroso-di-n-propylamine
Concen: 13.091 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.123 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion: 70 Resp: 51671

Ion	Ratio	Lower	Upper
70	100		
42	56.6	56.8	85.2#
101	0.0	7.7	11.5#
130	2.2	16.8	25.2#



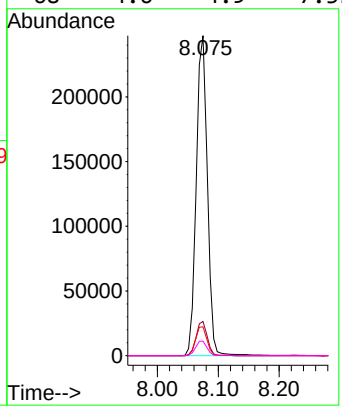


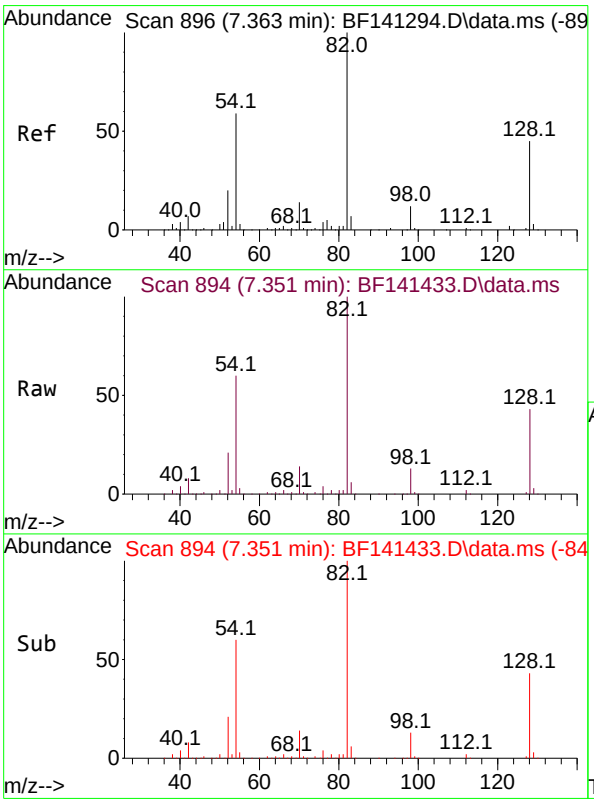
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:136 Resp: 313710

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.0	7.8	11.8
68	4.6	4.9	7.3#

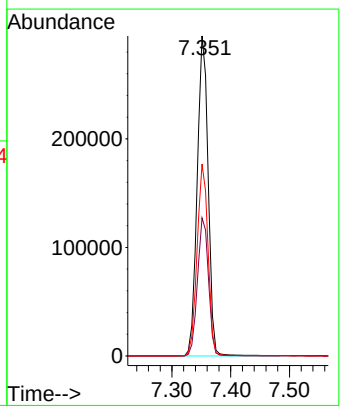


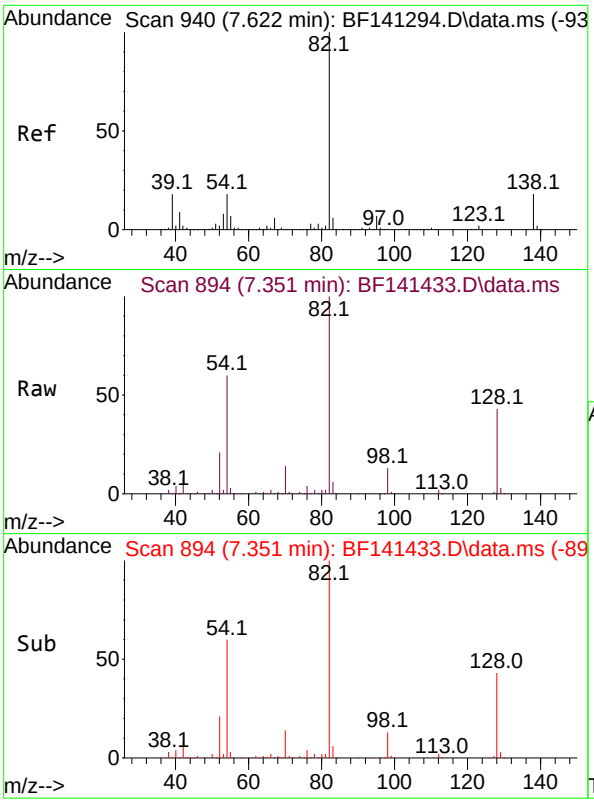


#23
Nitrobenzene-d5
Concen: 64.259 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion: 82 Resp: 382400

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.7	53.5
54	59.9	47.1	70.7



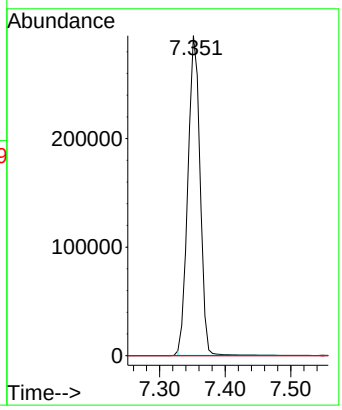


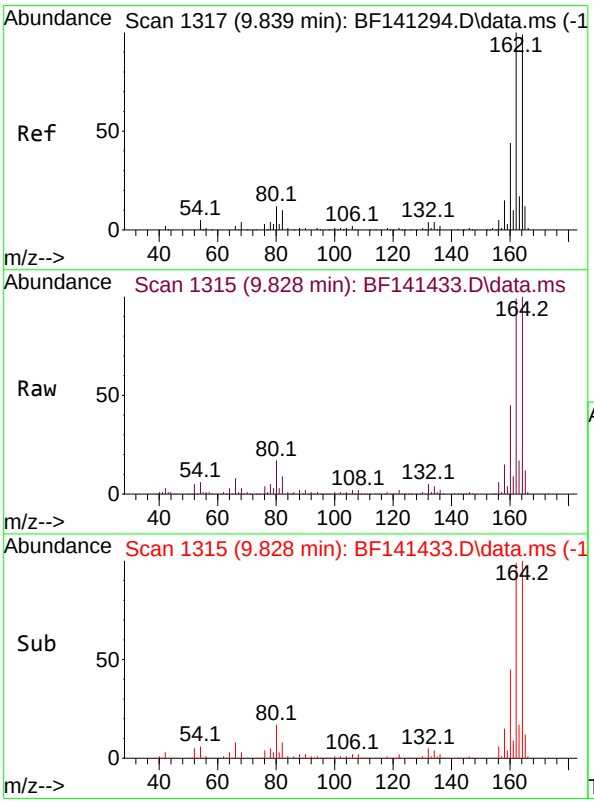
#25
Isophorone
Concen: 36.694 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.277 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion: 82 Resp: 377459

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.7	22.1#

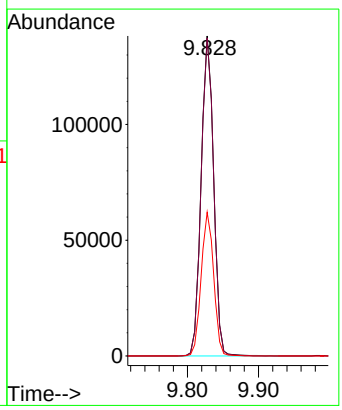


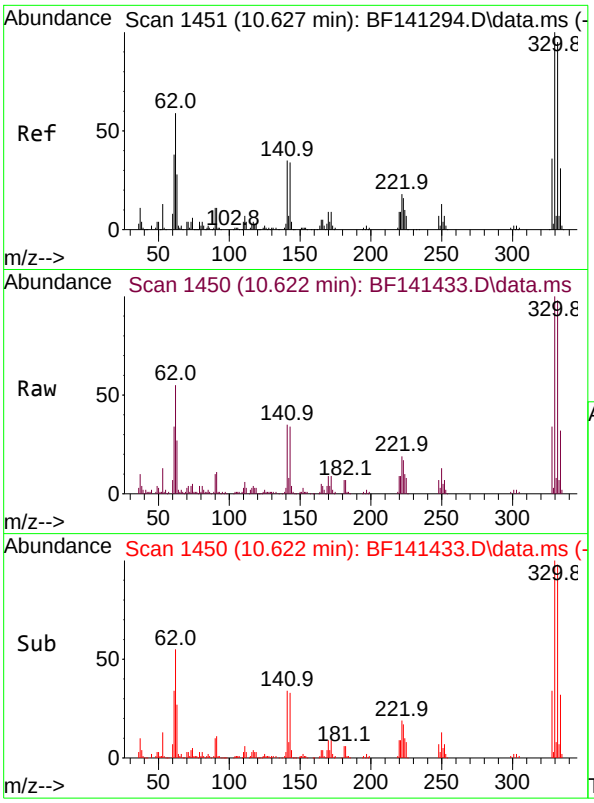


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:164 Resp: 169555

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	121.0
160	44.9	35.8	53.6



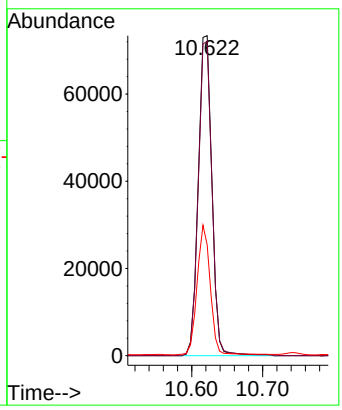


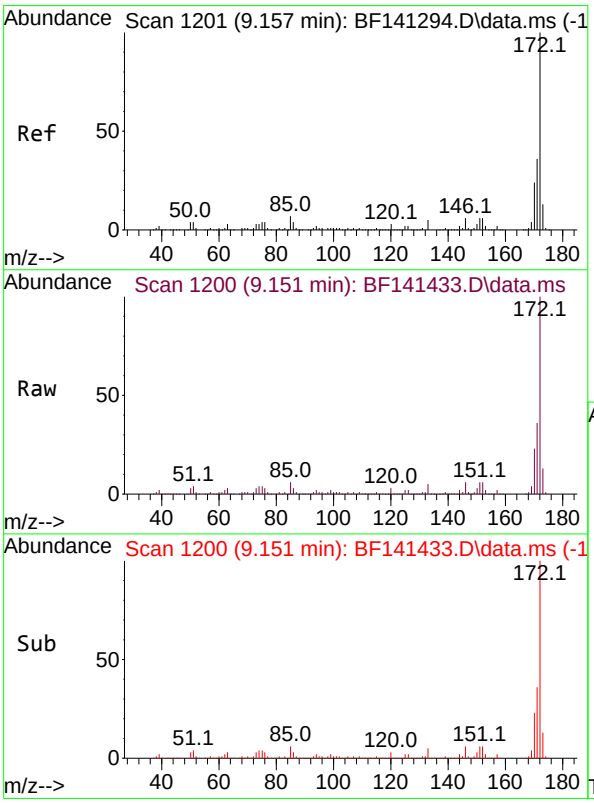
#42
2,4,6-Tribromophenol
Concen: 63.084 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:330 Resp: 98060

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.1	114.1
141	39.1	28.8	43.2

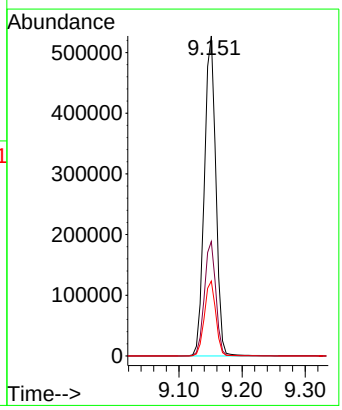


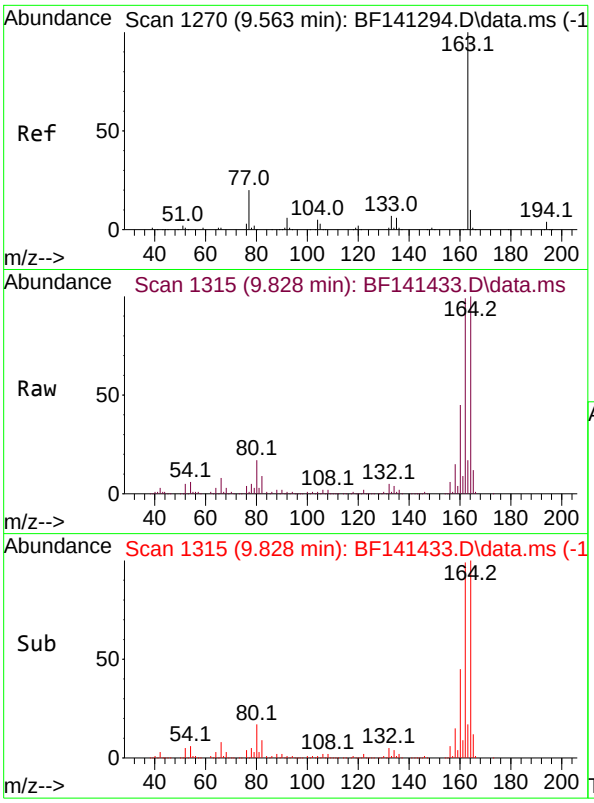


#45
2-Fluorobiphenyl
Concen: 60.709 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:172 Resp: 668759

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.4	19.0	28.6



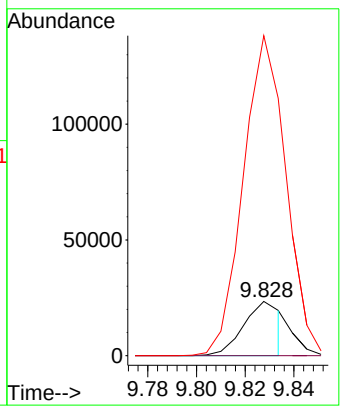


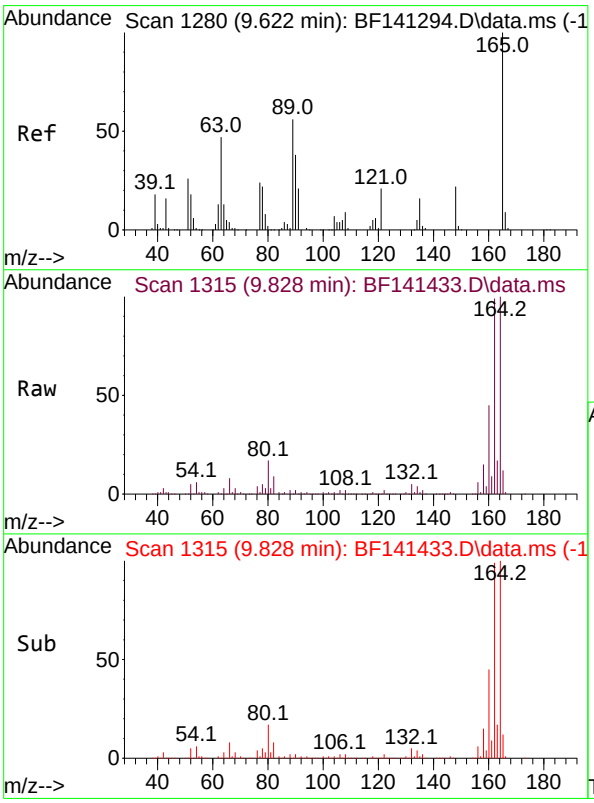
#50
Dimethylphthalate
Concen: 2.152 ng
RT: 9.828 min Scan# 1
Delta R.T. 0.259 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:163 Resp: 24641

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	590.0	8.0	12.0#

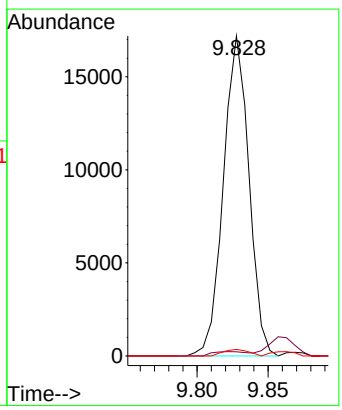


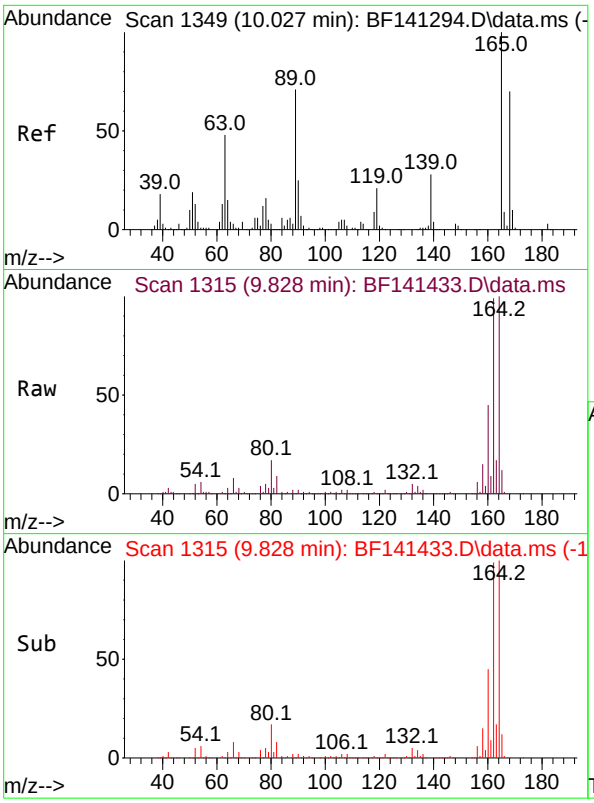


#51
2,6-Dinitrotoluene
Concen: 8.083 ng
RT: 9.828 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:165 Resp: 21493

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.1	72.1#
89	2.0	44.9	67.3#



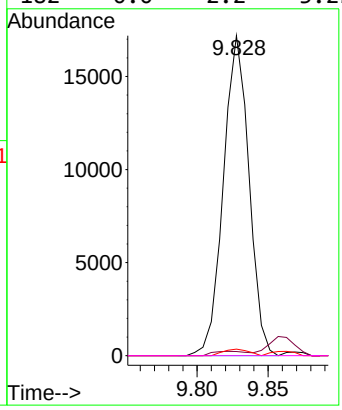


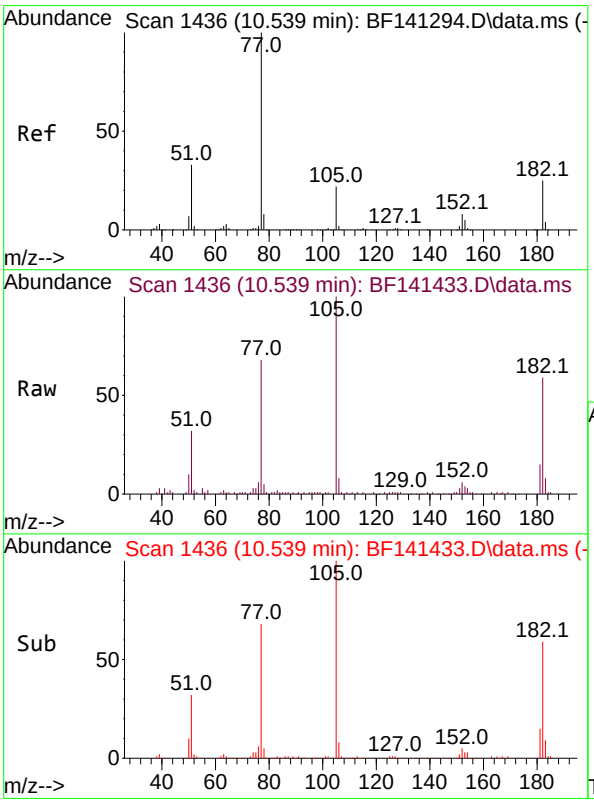
#57
2,4-Dinitrotoluene
Concen: 6.243 ng
RT: 9.828 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:165 Resp: 21493

Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.2	58.8#
89	2.0	56.9	85.3#
182	0.0	2.2	3.2#

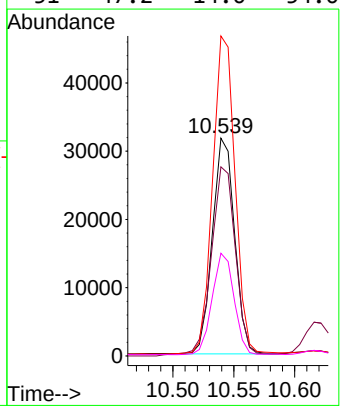


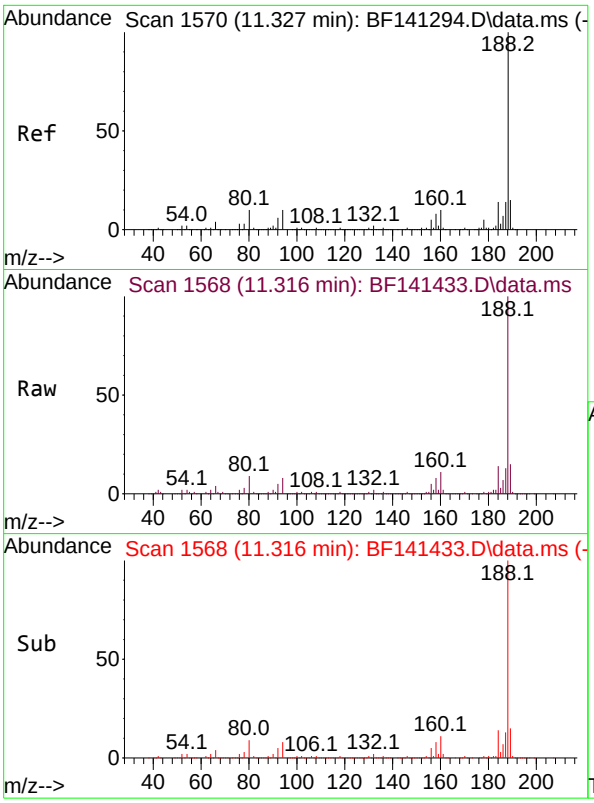


#63
Azobenzene
Concen: 3.603 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion: 77 Resp: 40051

Ion	Ratio	Lower	Upper
77	100		
182	86.8	5.1	45.1#
105	146.9	1.8	41.8#
51	47.2	14.0	54.0



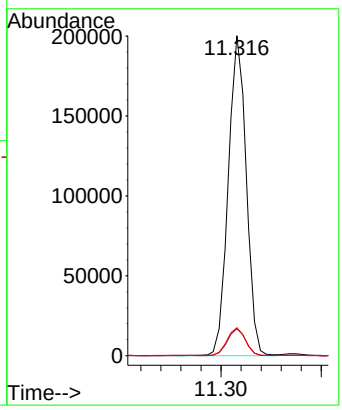


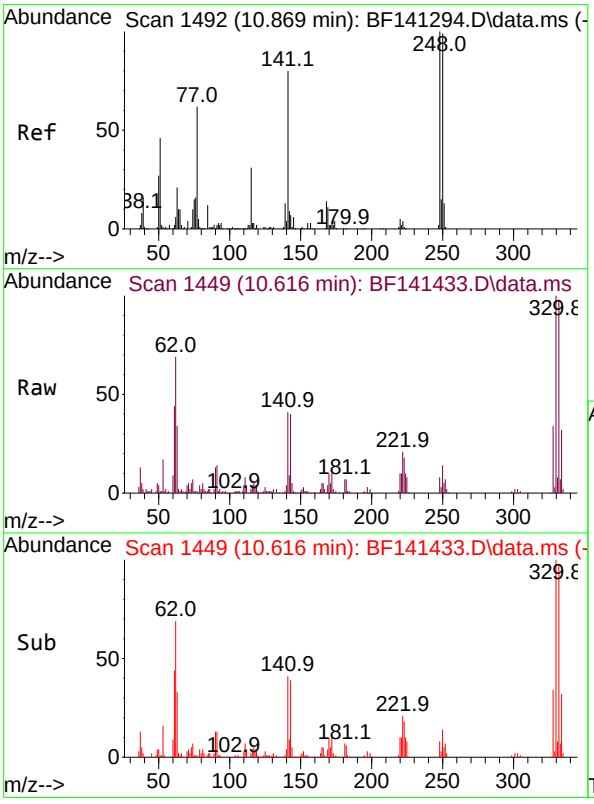
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:188 Resp: 249652

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.8	11.6
80	8.8	8.2	12.4

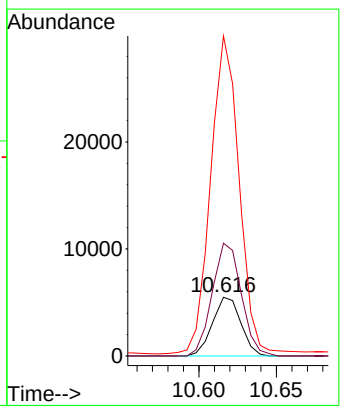


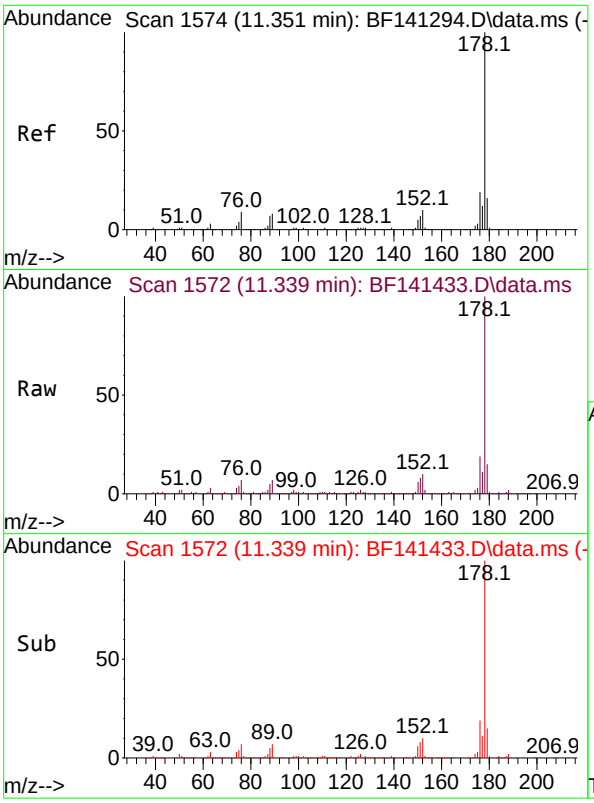


#67
4-Bromophenyl-phenylether
Concen: 2.502 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.259 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:248 Resp: 6992

Ion	Ratio	Lower	Upper
248	100		
250	192.1	79.0	118.4#
141	544.7	63.7	95.5#



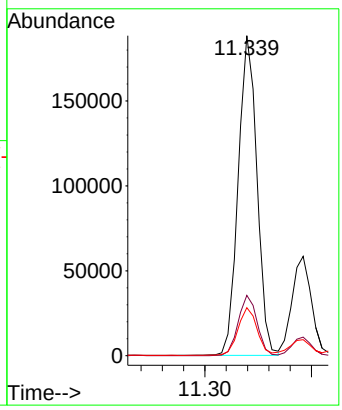


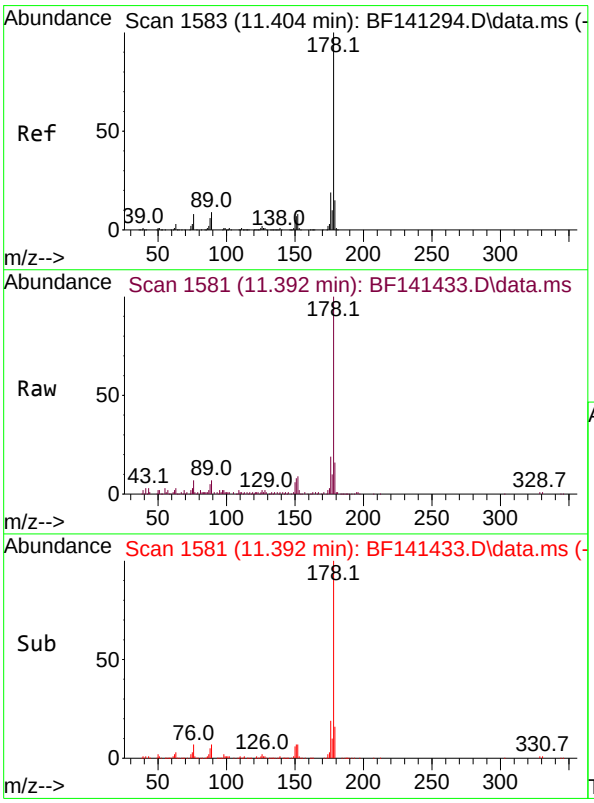
#71
Phenanthrene
Concen: 17.206 ng
RT: 11.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:178 Resp: 230901

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.0	12.5	18.7

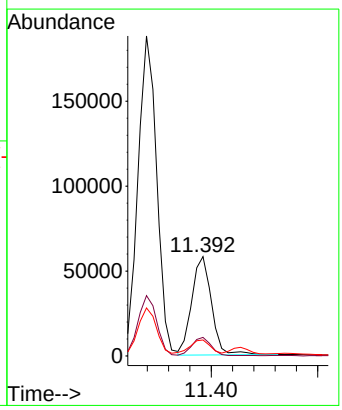


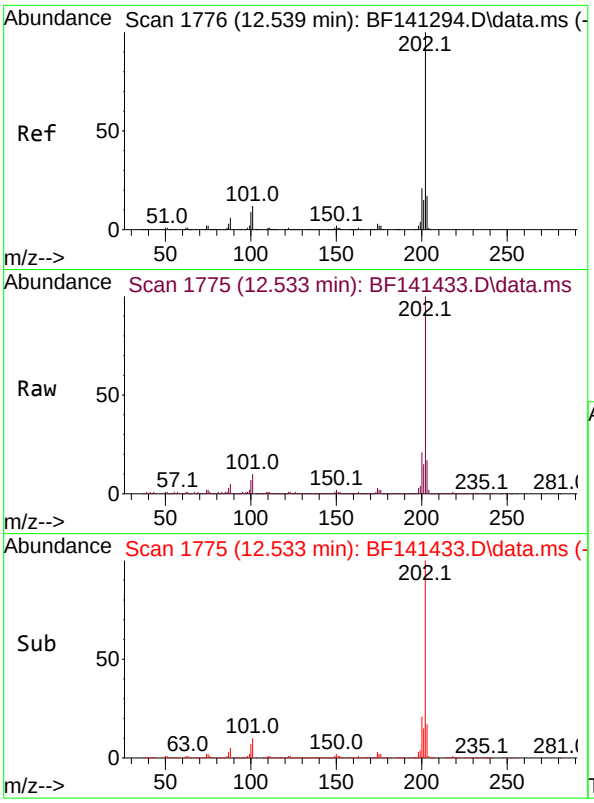


#72
Anthracene
Concen: 5.674 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:178 Resp: 74607

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	16.1	12.3	18.5



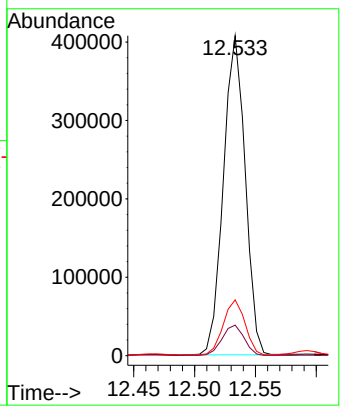


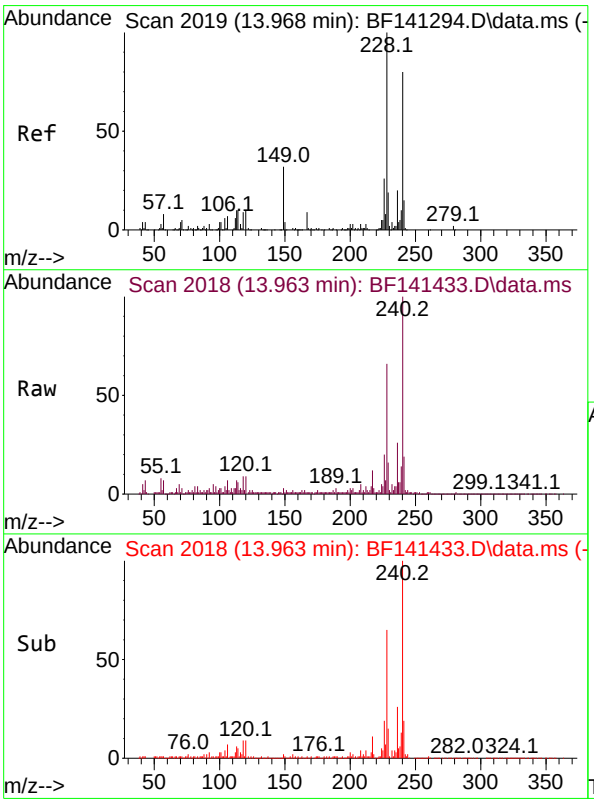
#75
Fluoranthene
Concen: 38.307 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:202 Resp: 507589

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.7
203	17.5	0.0	37.5

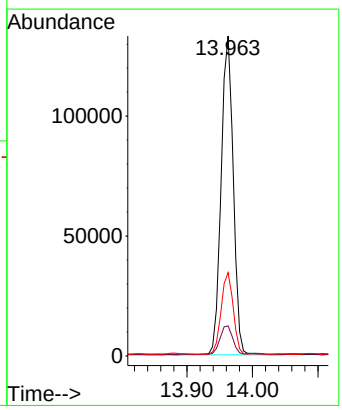


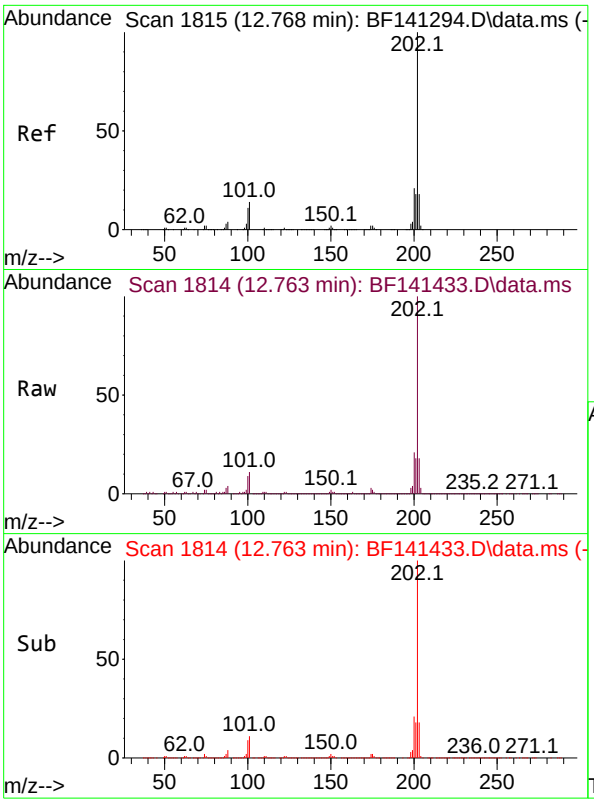


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:240 Resp: 170048

Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.0	15.0#
236	26.0	19.7	29.5



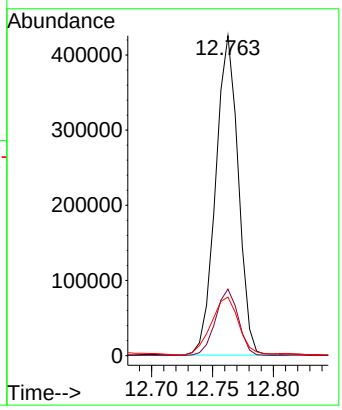


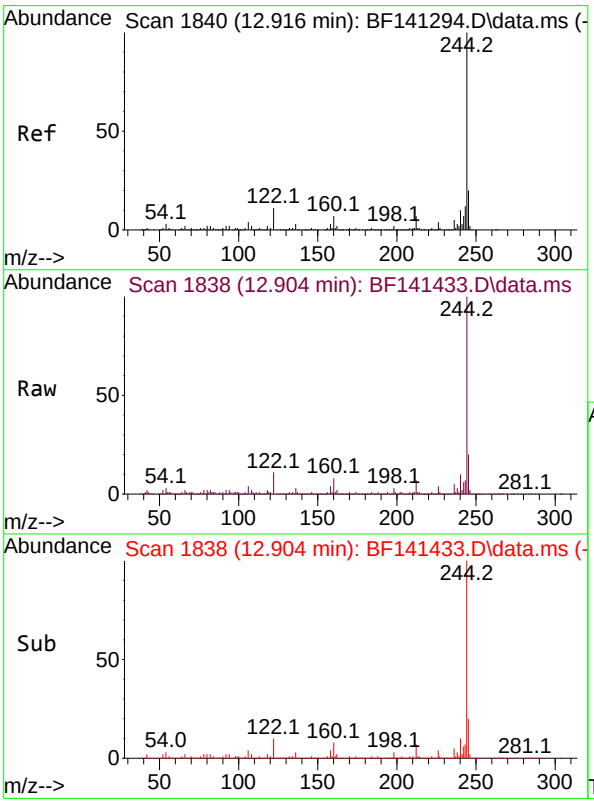
#78
Pyrene
Concen: 33.671 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:202 Resp: 549605

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	18.3	14.3	21.5

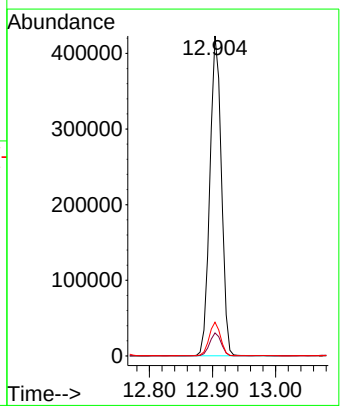


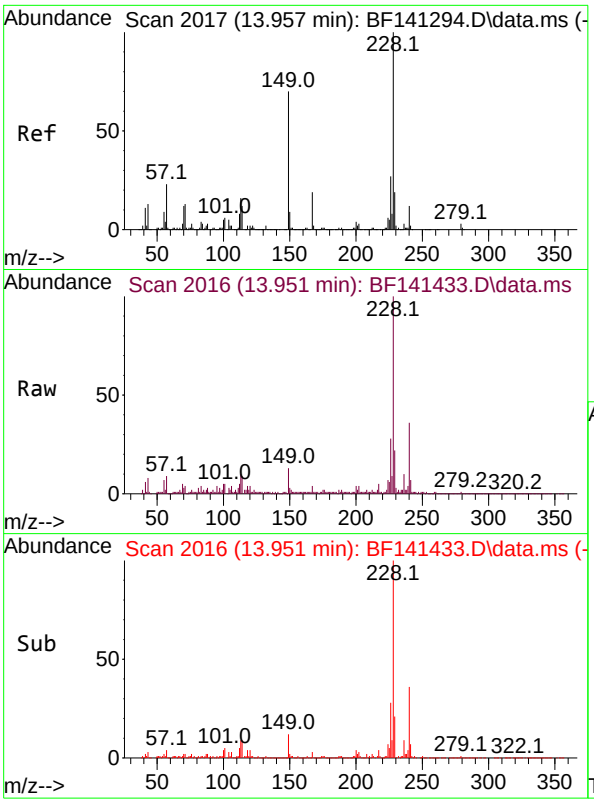


#79
Terphenyl-d14
Concen: 48.714 ng
RT: 12.904 min Scan# 1838
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:244 Resp: 537146

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.6	8.8	13.2



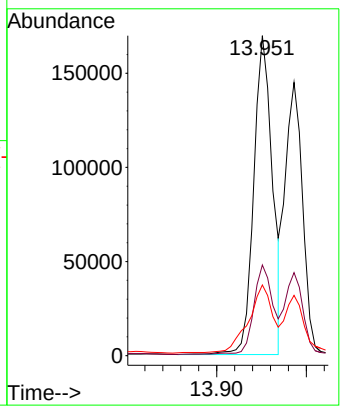


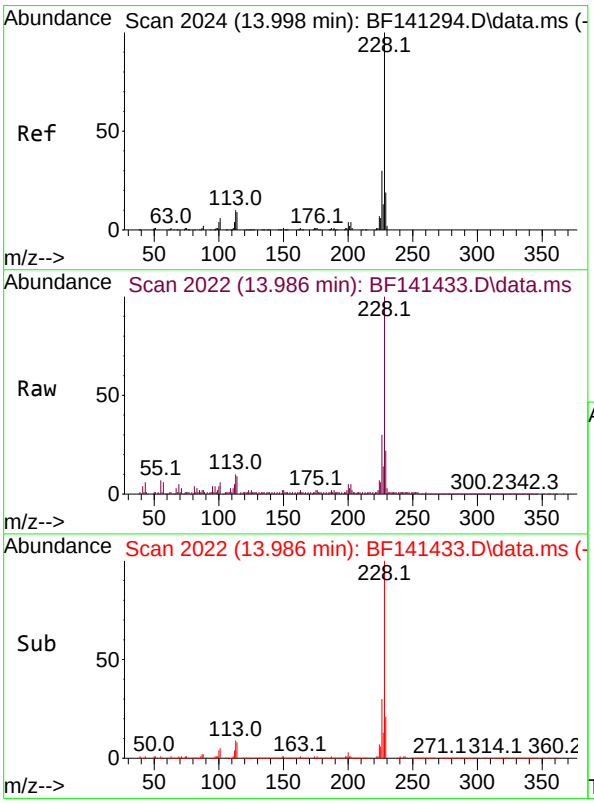
#81
Benzo(a)anthracene
Concen: 20.920 ng
RT: 13.951 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:228 Resp: 245477

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.2
229	22.1	15.5	23.3

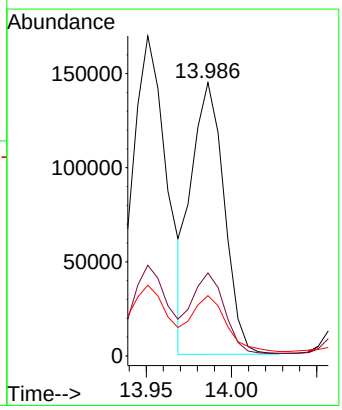


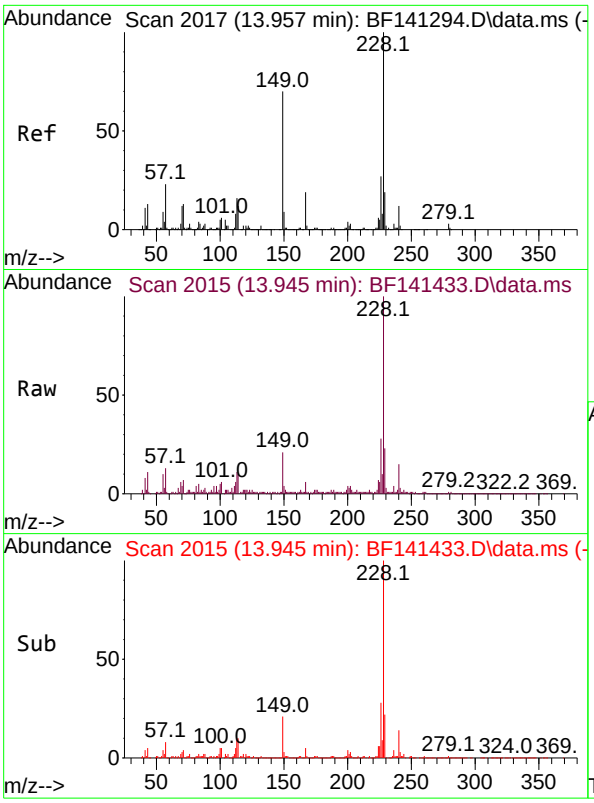


#83
Chrysene
Concen: 17.992 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:228 Resp: 193486

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	22.1	15.6	23.4



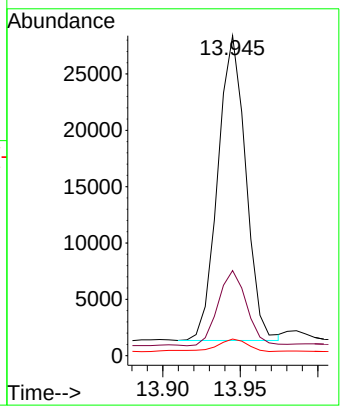


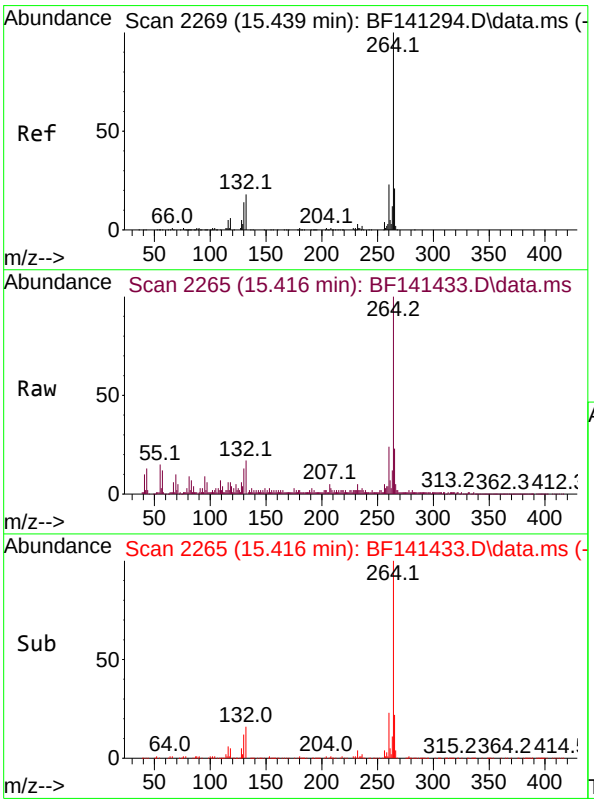
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.672 ng
RT: 13.945 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:149 Resp: 33795

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	5.2	3.3	4.9#

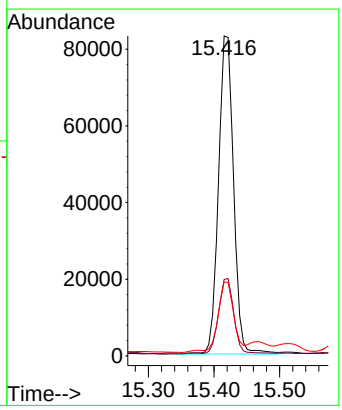


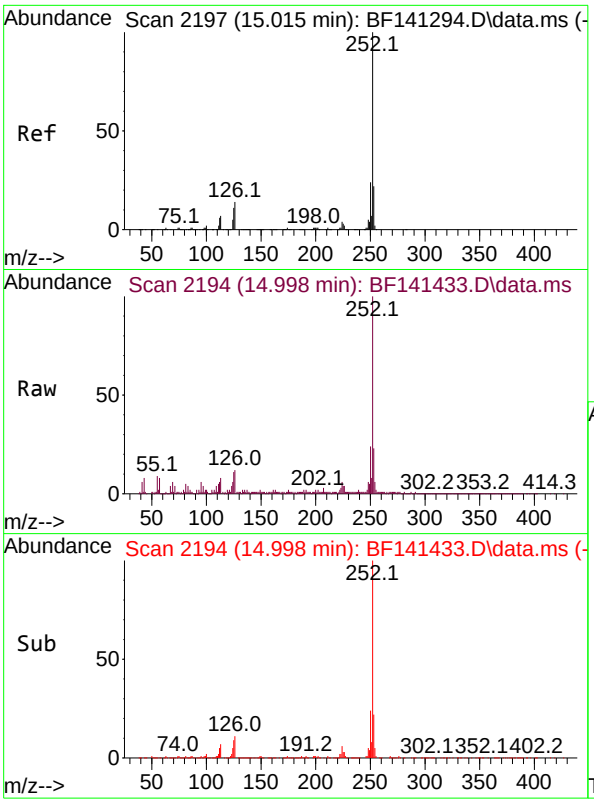


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.416 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:264 Resp: 132625

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	23.1	16.7	25.1



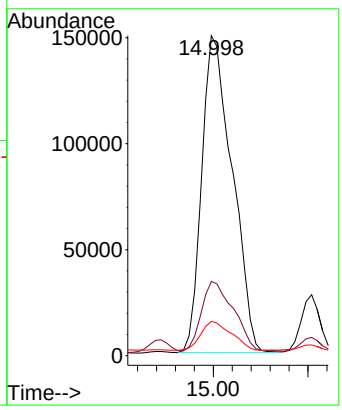


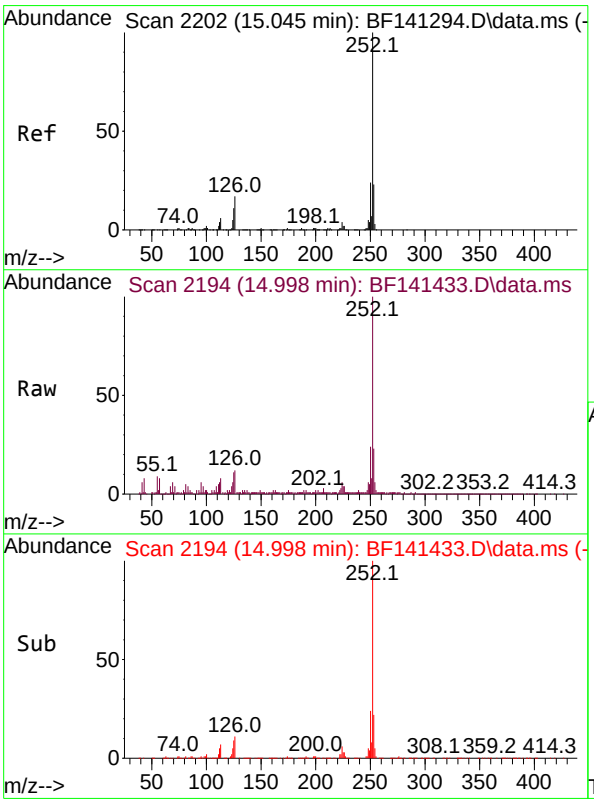
#88
Benzo(b)fluoranthene
Concen: 40.082 ng
RT: 14.998 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:252 Resp: 334386

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	10.7	8.6	12.8

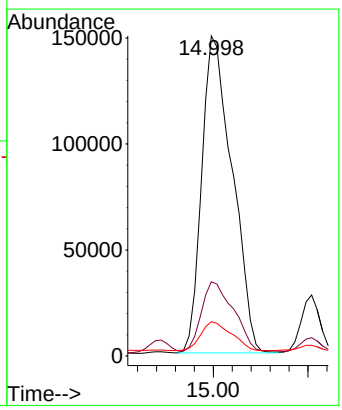


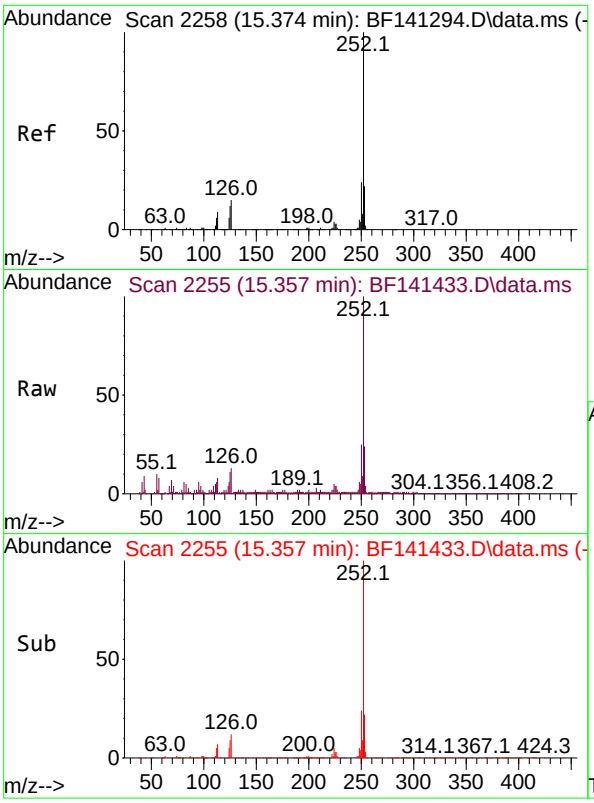


#89
Benzo(k)fluoranthene
Concen: 45.246 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.053 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:252 Resp: 334386

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	10.7	8.4	12.6



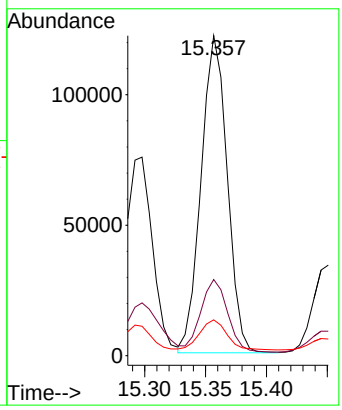


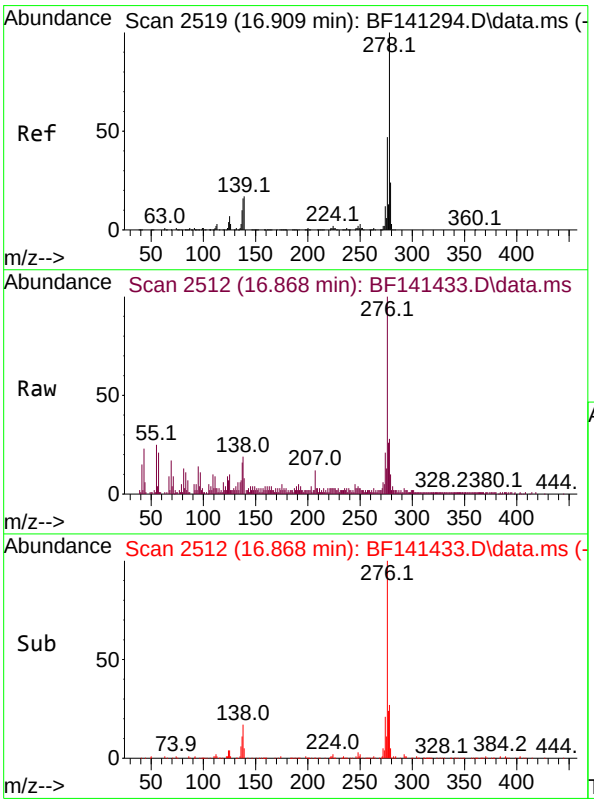
#90
Benzo(a)pyrene
Concen: 25.719 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:252 Resp: 181316

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	11.2	9.4	14.2

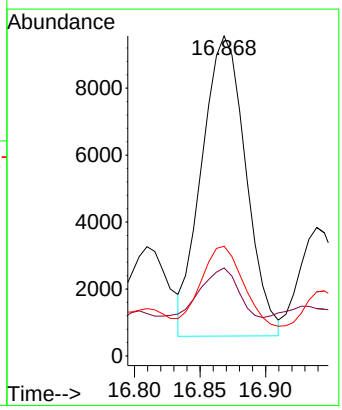


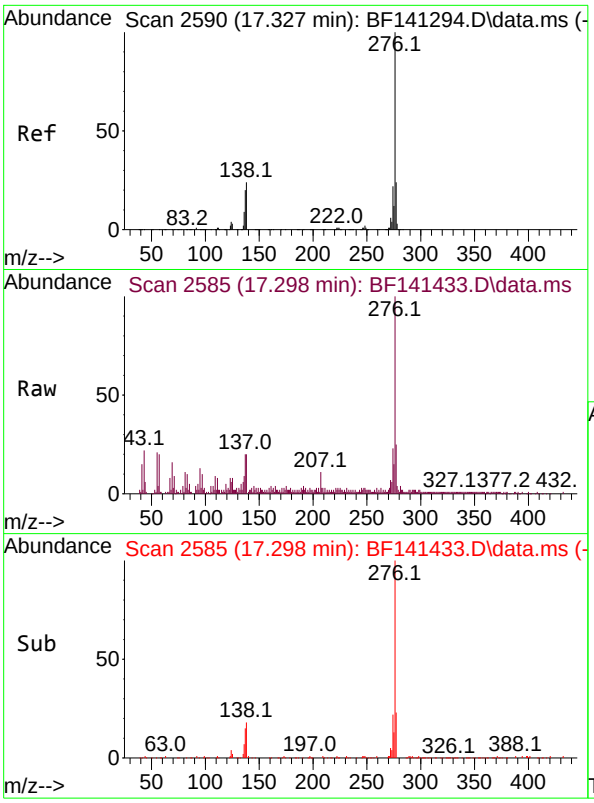


#91
Dibenzo(a,h)anthracene
Concen: 3.049 ng
RT: 16.868 min Scan# 2512
Delta R.T. -0.053 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Tgt Ion:278 Resp: 20998

Ion	Ratio	Lower	Upper
278	100		
139	27.5	13.9	20.9#
279	34.3	18.8	28.2#





#92
Benzo(g,h,i)perylene
Concen: 11.234 ng
RT: 17.298 min Scan# 2
Delta R.T. -0.047 min
Lab File: BF141433.D
Acq: 05 Feb 2025 02:07

Instrument :
BNA_F
ClientSampleId :
JPP-5.3-013025

Tgt Ion:276 Resp: 80443

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.2	28.8
138	19.9	19.0	28.4