Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141455.D
Acq On : 05 Feb 2025 18:54
Operator : RC/JU
Sample : Q1207-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Quant Time: Feb 06 01:45:12 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	6.787	152	67139	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	265210	20.000	ng	#-0.02
39) Acenaphthene-d10	9.822	164	142949	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	242726	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	146889	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	144251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	639865	146.312	ng	0.01
7) Phenol-d6	6.428	99	741396	133.263	ng	-0.01
23) Nitrobenzene-d5	7.351	82	568230	112.949	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	232165	177.156	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1035546	111.501	ng	-0.02
79) Terphenyl-d14	12.904	244	1130421	118.683	ng	-0.01
Target Compounds						Qvalue

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

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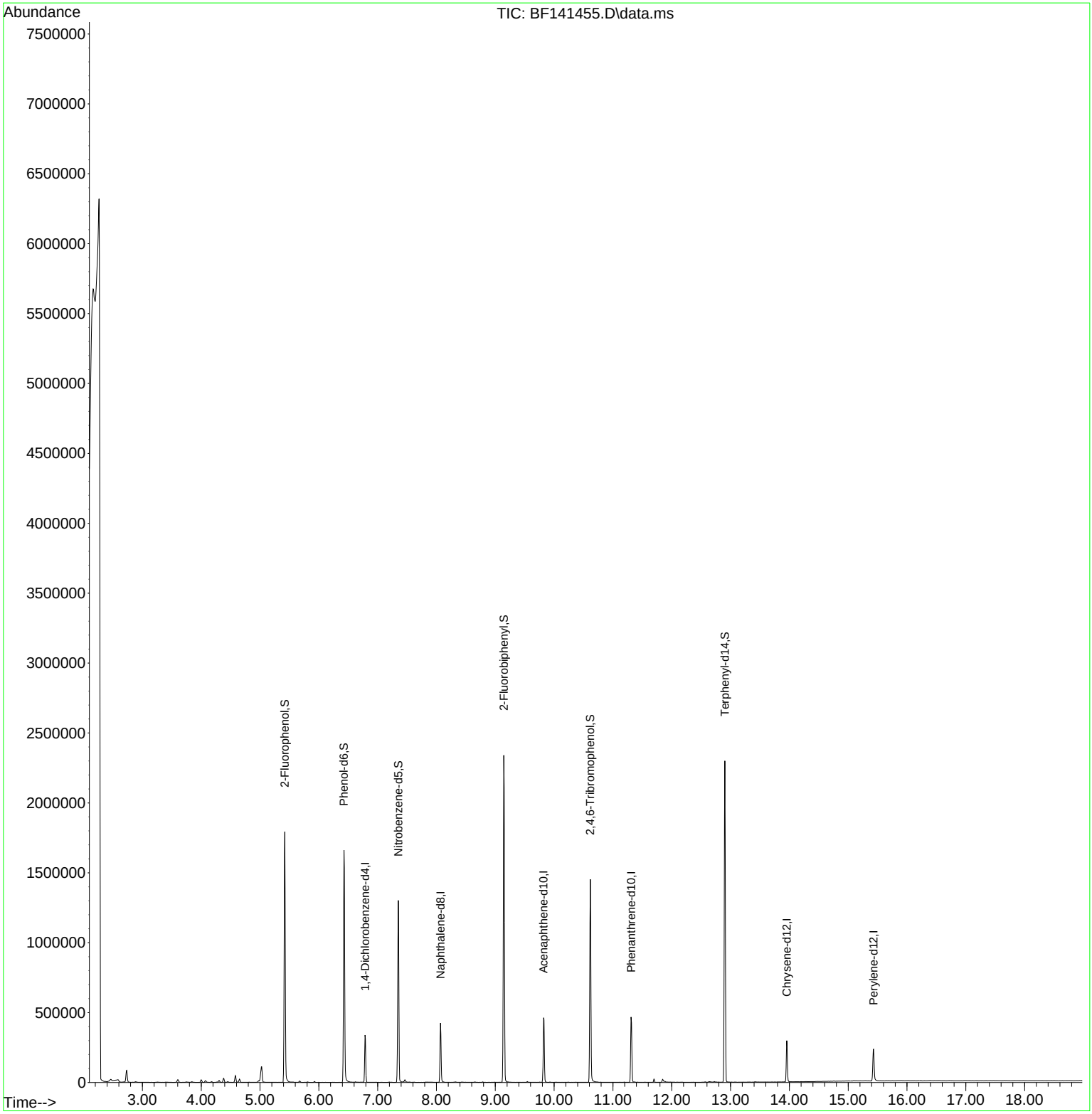
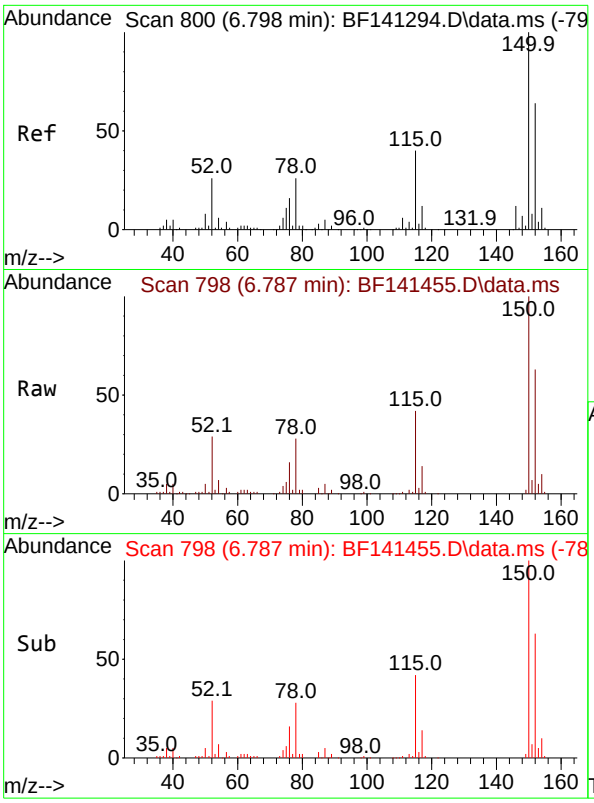


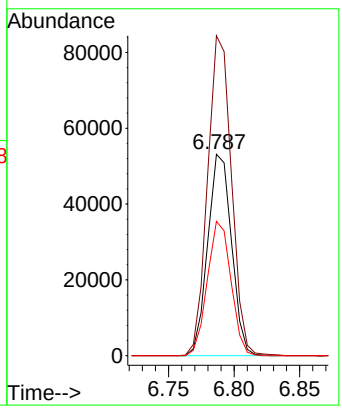


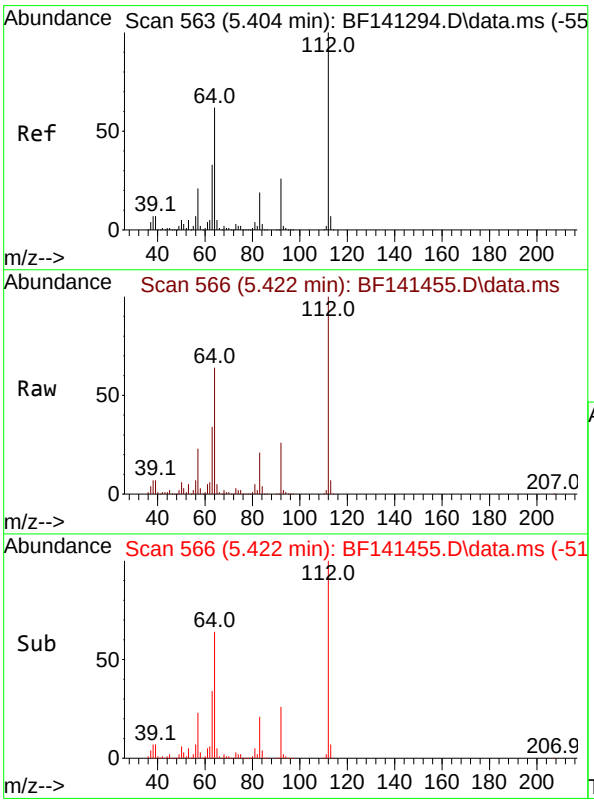
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Tgt Ion:152 Resp: 67139

Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.9	188.9
115	66.7	49.7	74.5

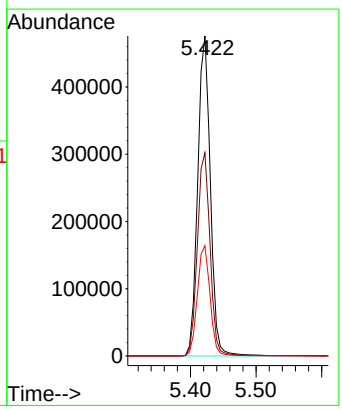


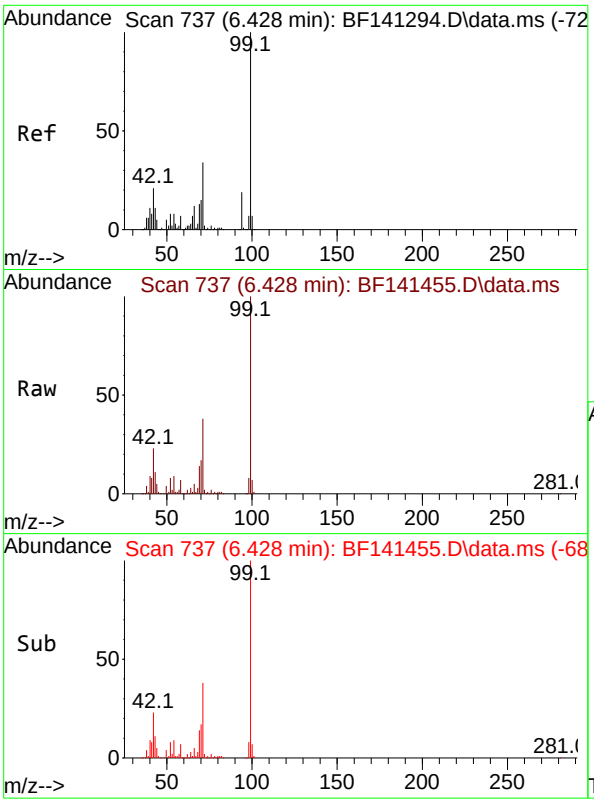


#5
2-Fluorophenol
Concen: 146.312 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:112 Resp: 639865

Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.8	74.8
63	34.5	26.1	39.1



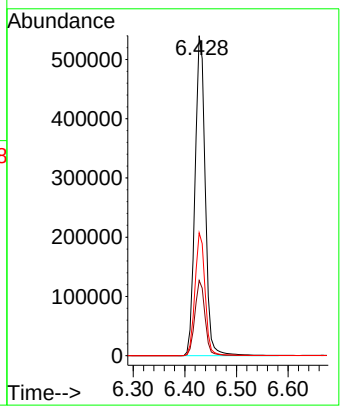


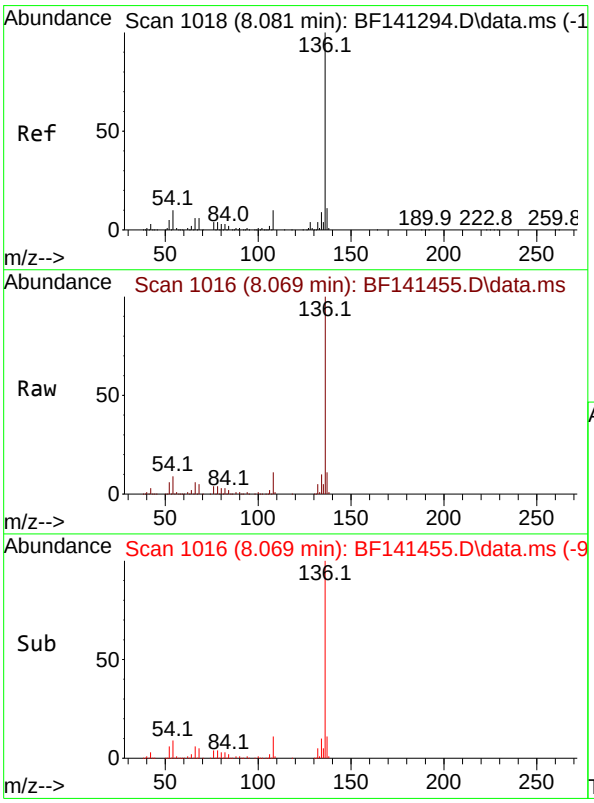
#7
Phenol-d6
Concen: 133.263 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Tgt Ion: 99 Resp: 741396

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.1	25.7
71	38.4	26.9	40.3

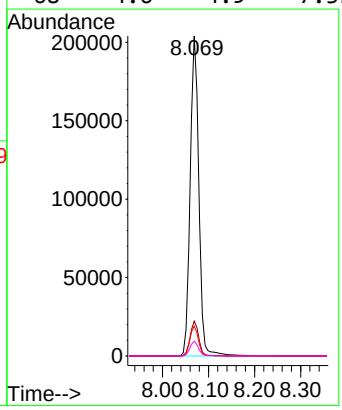


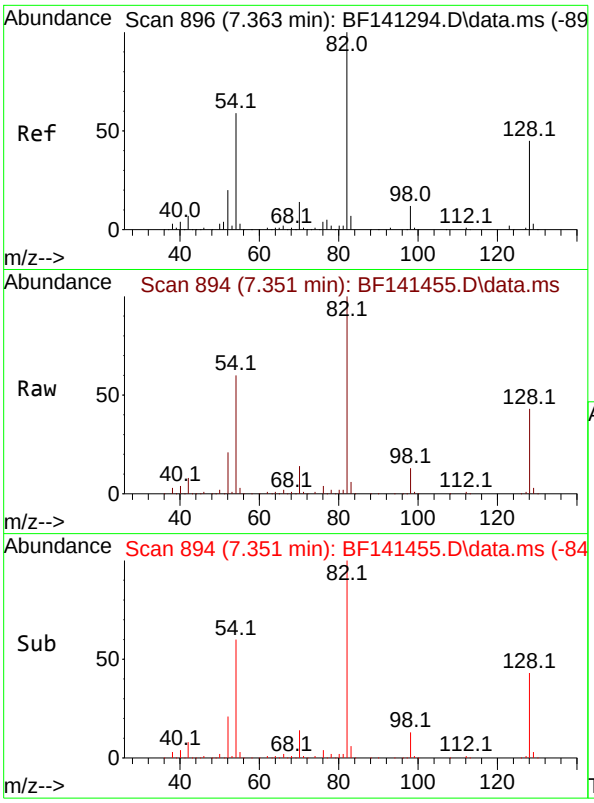


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:136 Resp: 265210

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.4	7.8	11.8
68	4.6	4.9	7.3#



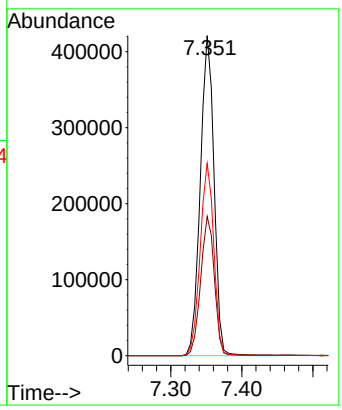


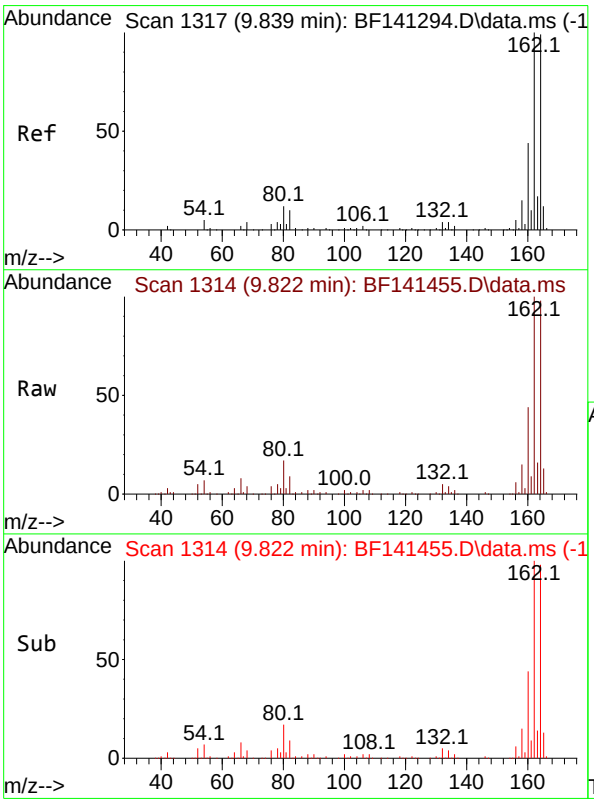
#23
Nitrobenzene-d5
Concen: 112.949 ng
RT: 7.351 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Tgt Ion: 82 Resp: 568230

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.7	53.5
54	60.1	47.1	70.7

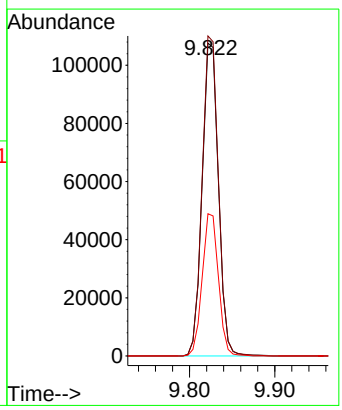


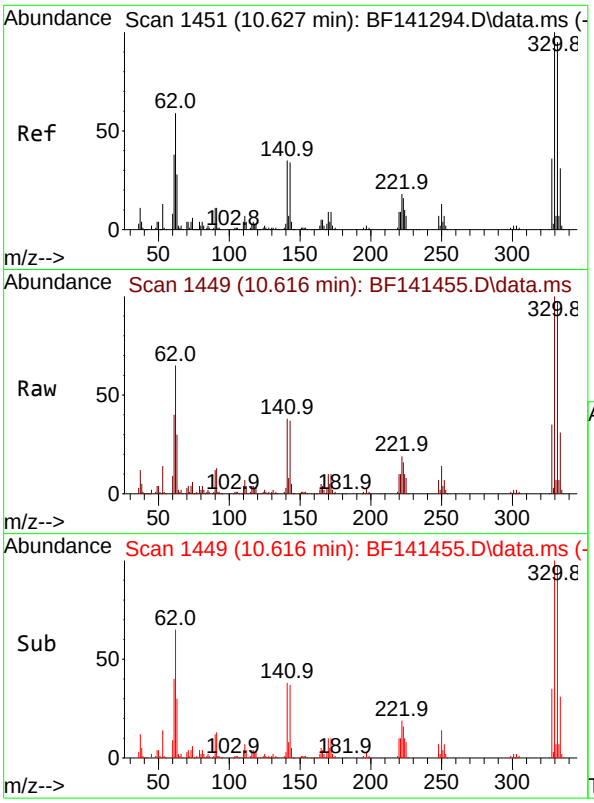


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:164 Resp: 142949

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	121.0
160	45.5	35.8	53.6



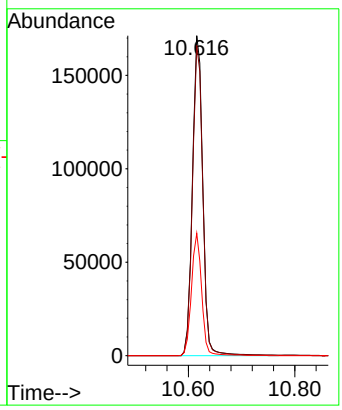


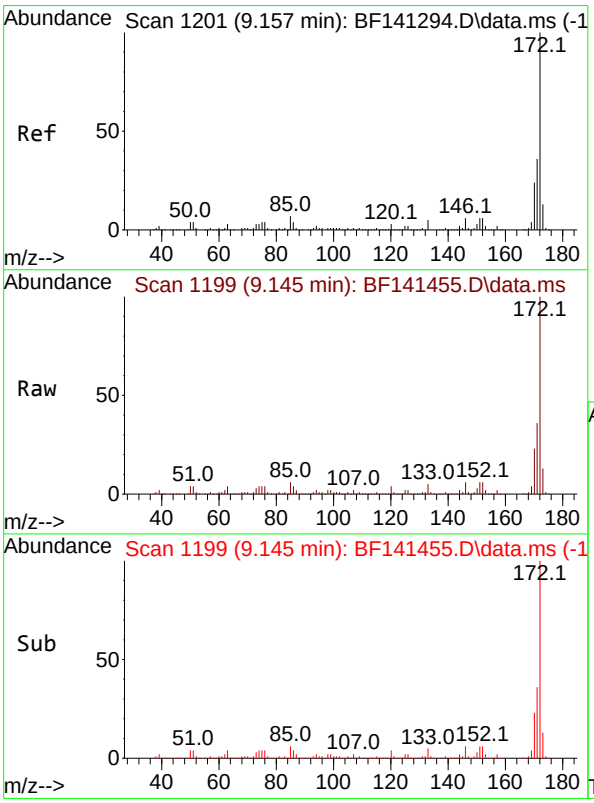
#42
2,4,6-Tribromophenol
Concen: 177.156 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Tgt Ion:330 Resp: 232165

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.1	114.1
141	37.7	28.8	43.2

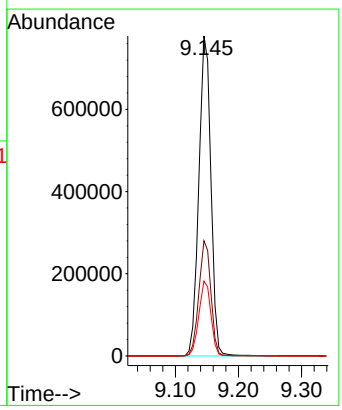


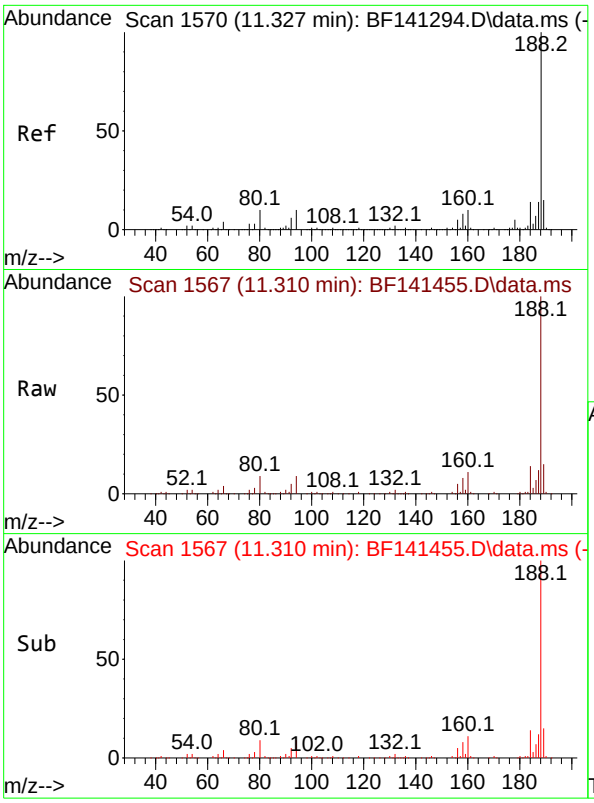


#45
2-Fluorobiphenyl
Concen: 111.501 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:172 Resp: 1035546

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.4	19.0	28.6



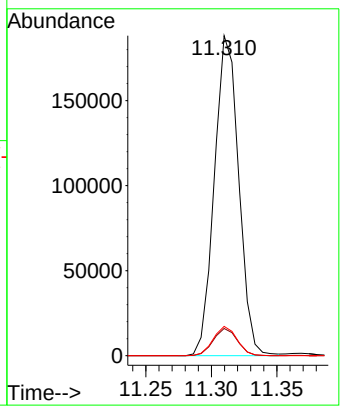


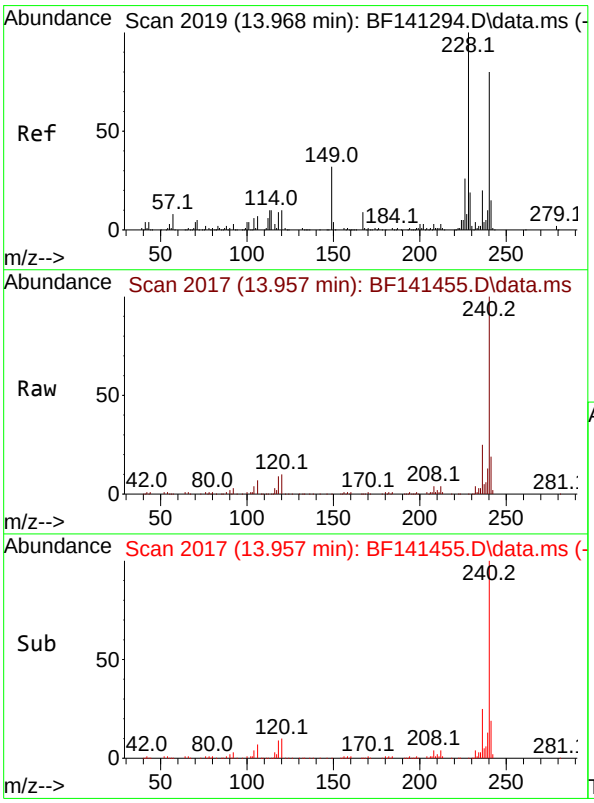
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Tgt Ion:188 Resp: 242726

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.8	11.6
80	9.1	8.2	12.4

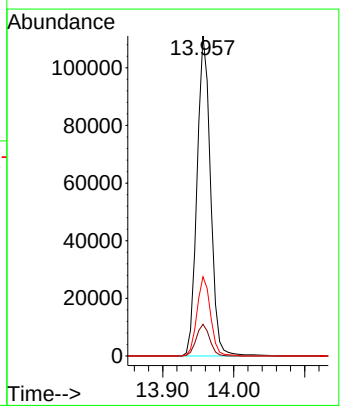


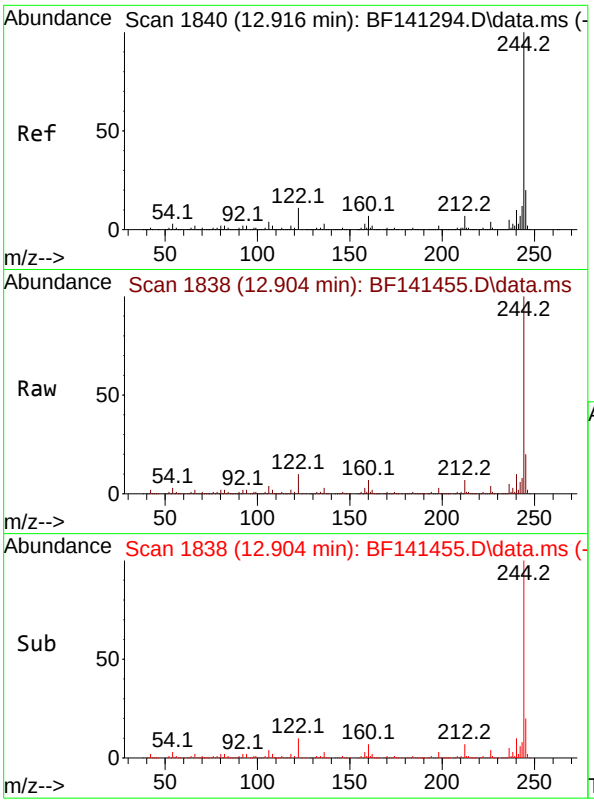


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:240 Resp: 146889

Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.0	15.0#
236	24.7	19.7	29.5



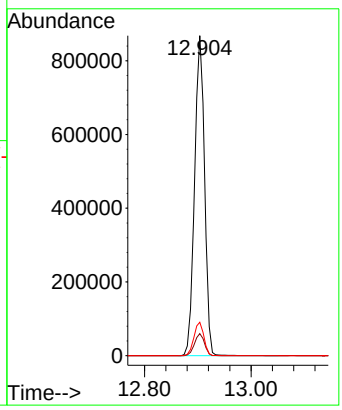


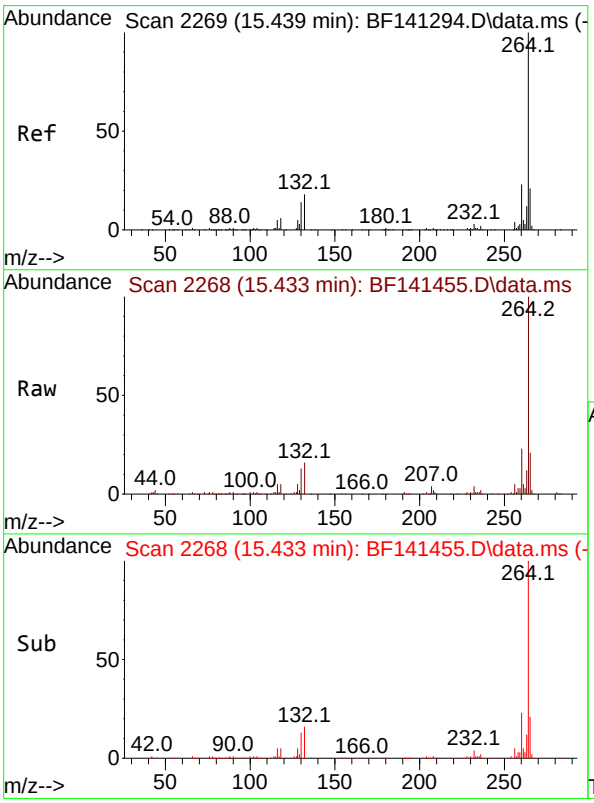
#79
Terphenyl-d14
Concen: 118.683 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Instrument :
BNA_F
ClientSampleId :
JPP-4.5-012725

Tgt Ion:244 Resp: 1130421

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.4	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141455.D
Acq: 05 Feb 2025 18:54

Tgt Ion:264 Resp: 144251

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.3	16.7	25.1