Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
Data File : BF141384.D
Acq On : 03 Feb 2025 22:11
Operator : RC/JU
Sample : Q1232-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

Quant Time: Feb 04 00:20:10 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	88557	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	354547	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	194446	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	330562	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	210585	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	155102	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	790380	137.018	ng	0.02
7) Phenol-d6	6.440	99	956155	130.299	ng	0.00
23) Nitrobenzene-d5	7.357	82	711866	105.845	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	294994	165.483	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1271349	100.637	ng	-0.01
79) Terphenyl-d14	12.910	244	1427125	104.513	ng	0.00
Target Compounds						Qvalue

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

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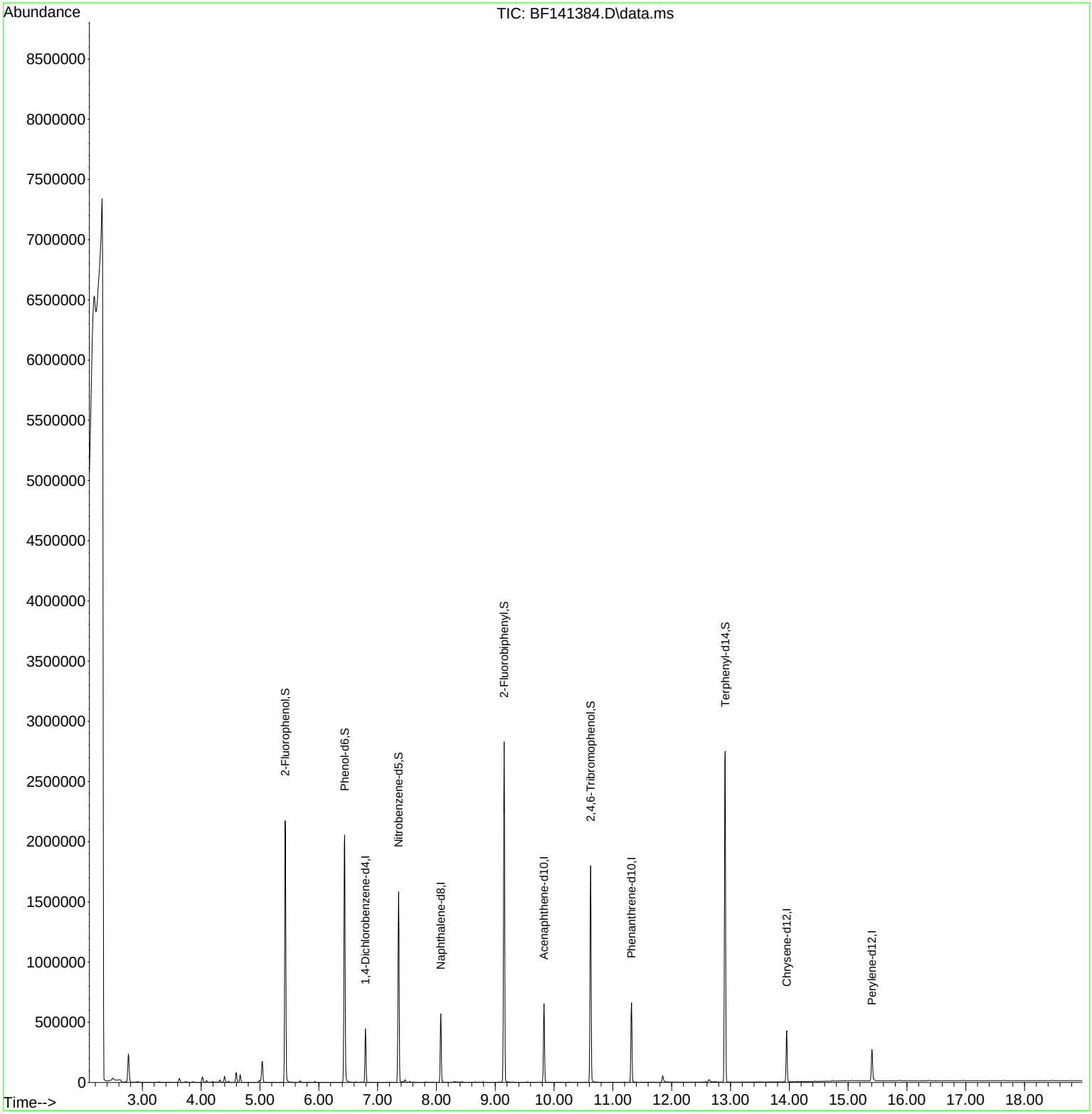
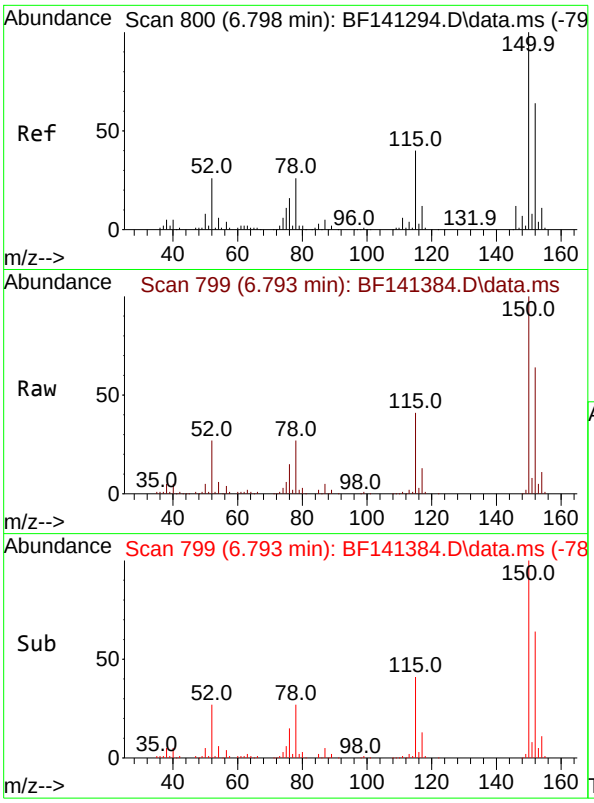


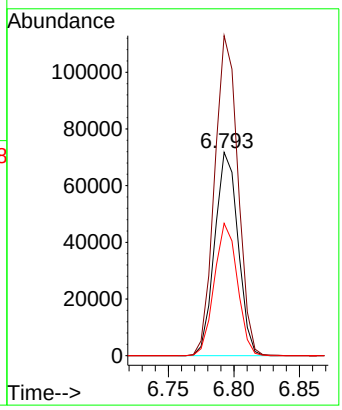


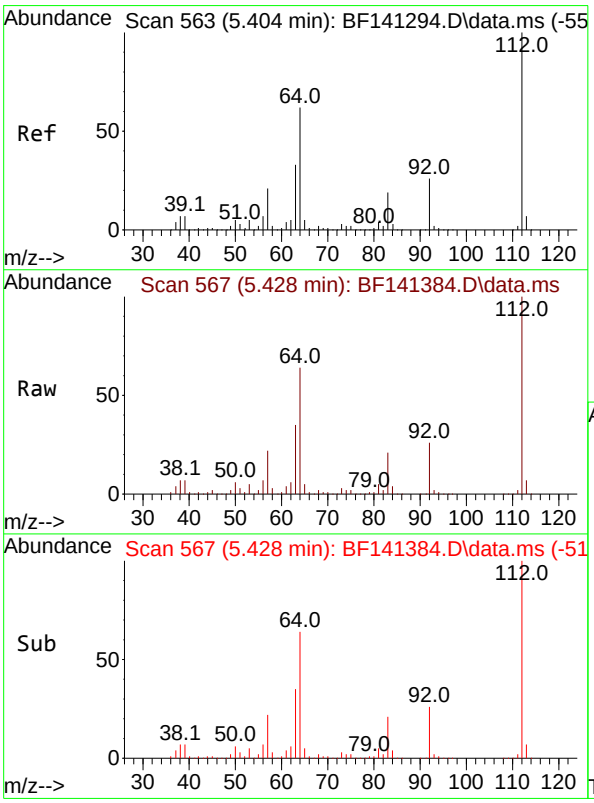
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

Tgt Ion:152 Resp: 88557

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	65.1	49.7	74.5

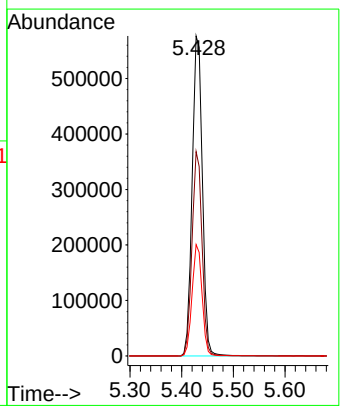


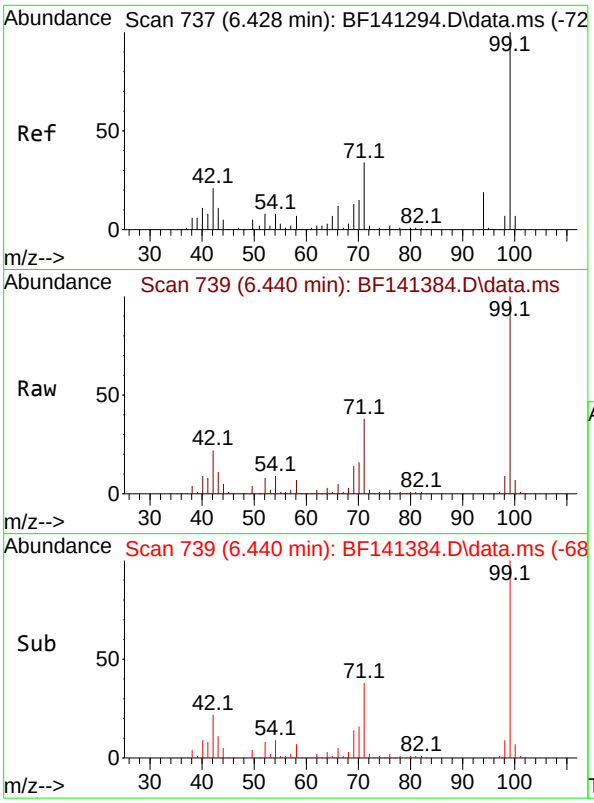


#5
2-Fluorophenol
Concen: 137.018 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:112 Resp: 790380

Ion	Ratio	Lower	Upper
112	100		
64	63.9	49.8	74.8
63	34.8	26.1	39.1



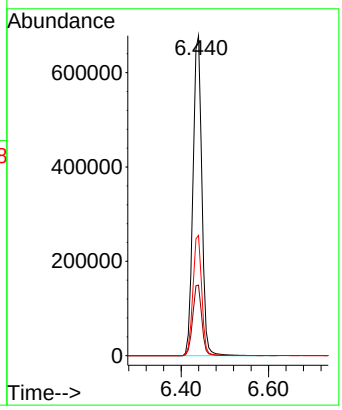


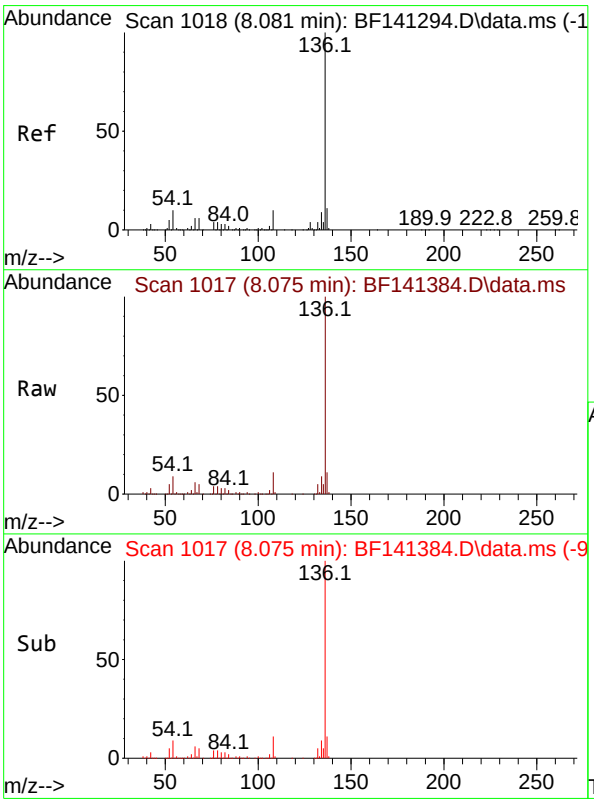
#7
Phenol-d6
Concen: 130.299 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

Tgt Ion: 99 Resp: 956155

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.1	25.7
71	37.6	26.9	40.3

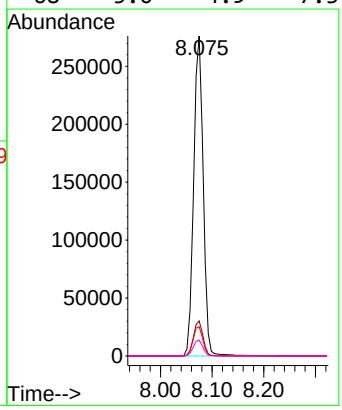


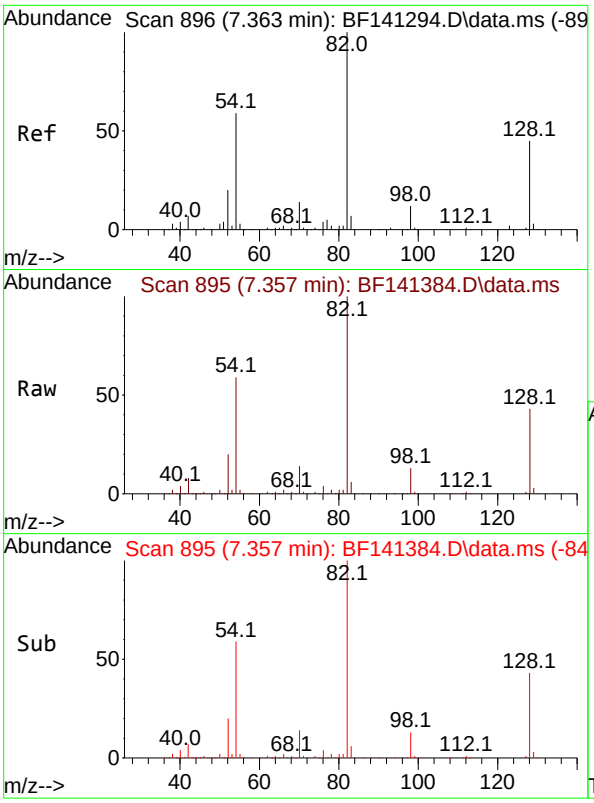


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:136 Resp: 354547

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.2	7.8	11.8
68	5.0	4.9	7.3



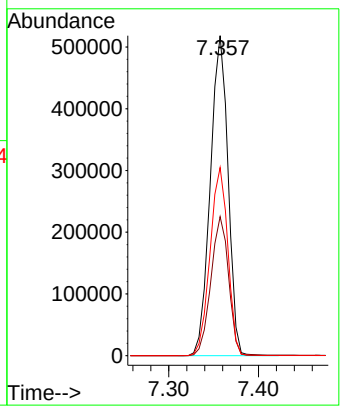


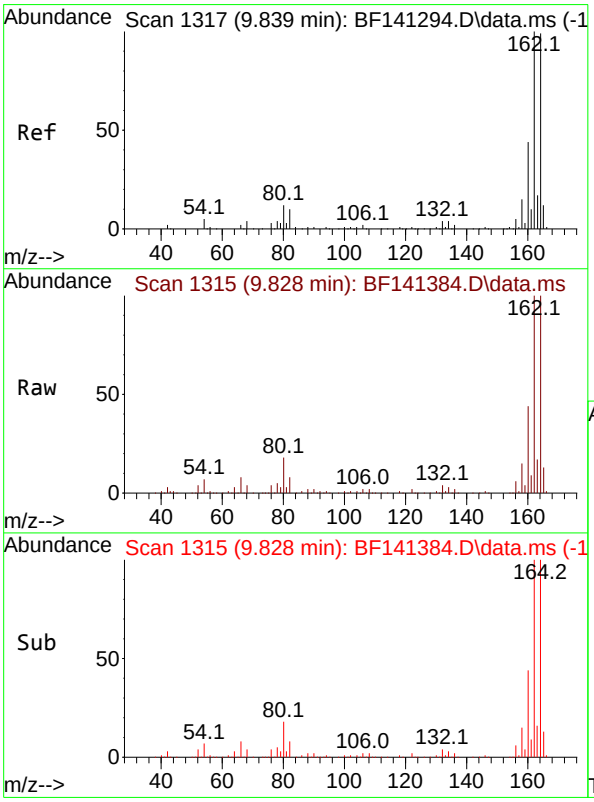
#23
Nitrobenzene-d5
Concen: 105.845 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

Tgt Ion: 82 Resp: 711866

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.7	53.5
54	58.8	47.1	70.7

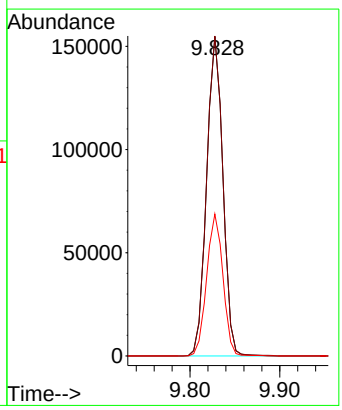


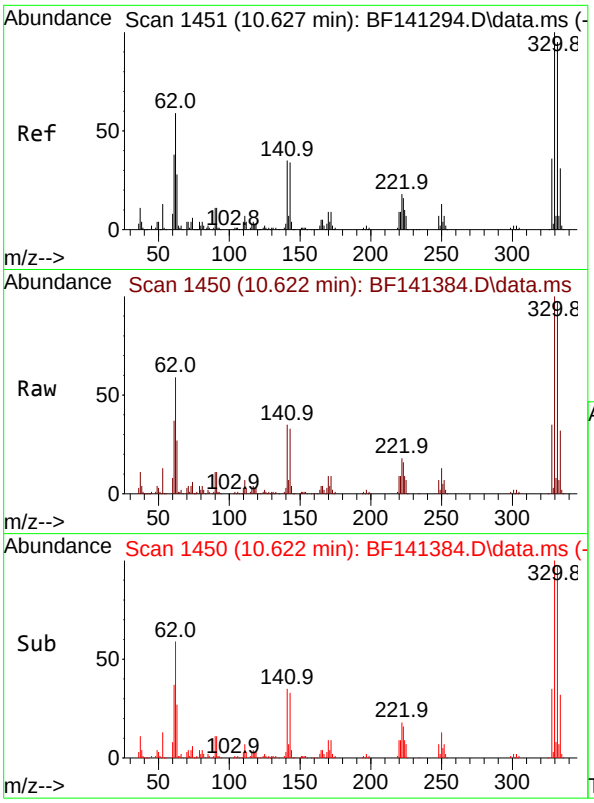


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:164 Resp: 194446

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	121.0
160	44.4	35.8	53.6



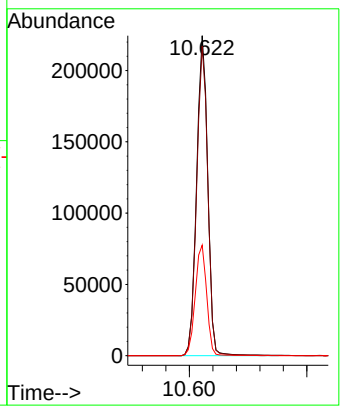


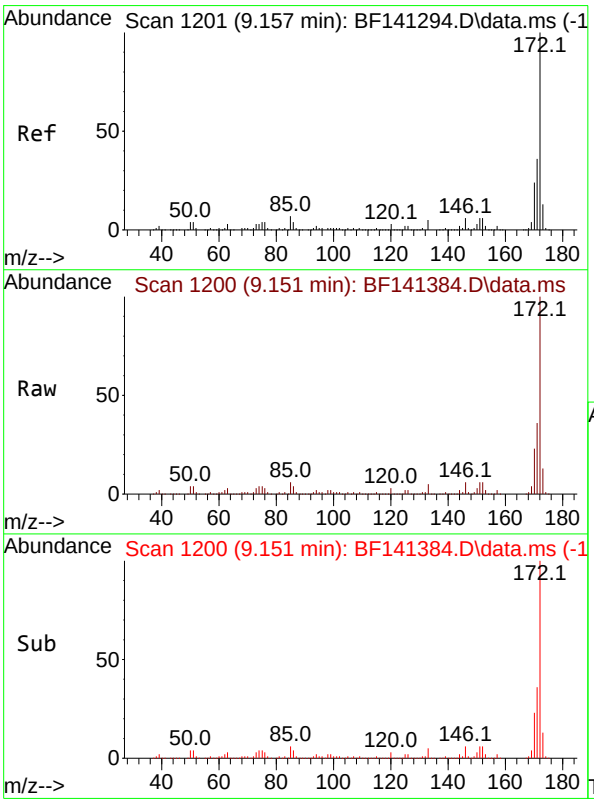
#42
2,4,6-Tribromophenol
Concen: 165.483 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

Tgt Ion:330 Resp: 294994

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.1	114.1
141	35.4	28.8	43.2

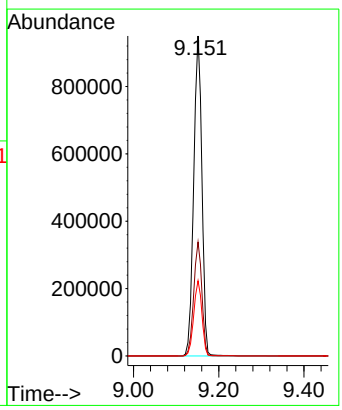


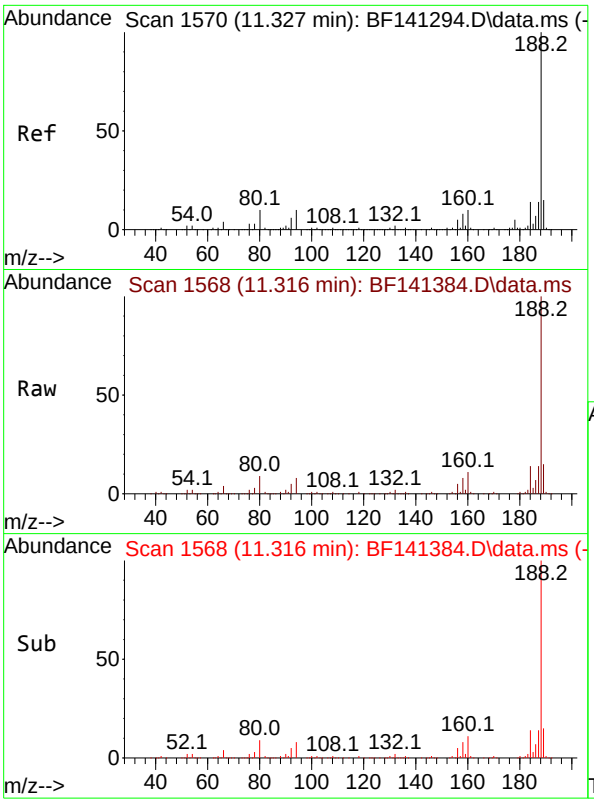


#45
2-Fluorobiphenyl
Concen: 100.637 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:172 Resp: 1271349

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.5	19.0	28.6



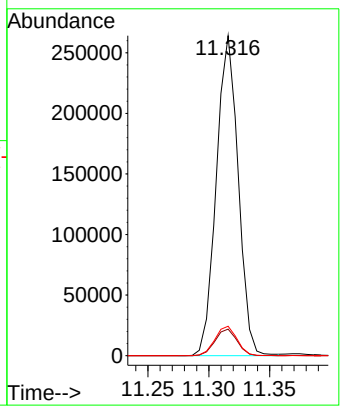


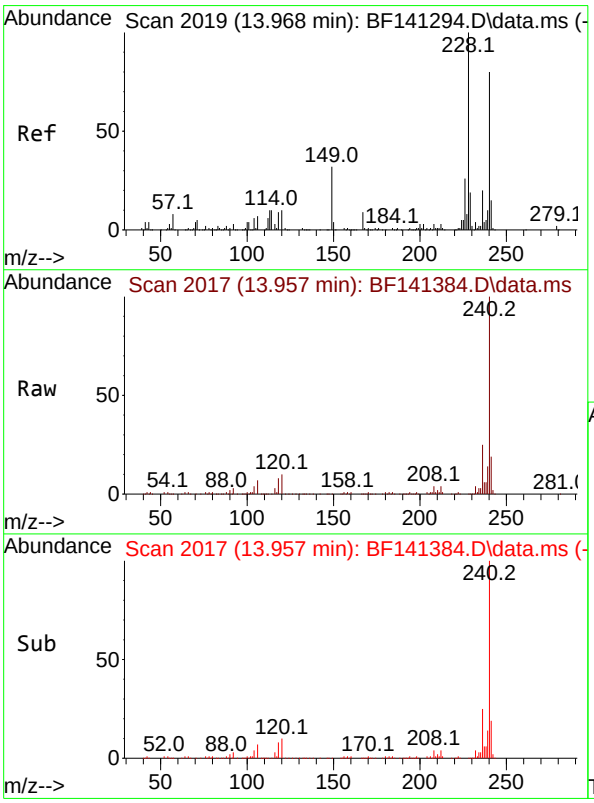
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

Tgt Ion:188 Resp: 330562

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.8	11.6
80	9.2	8.2	12.4

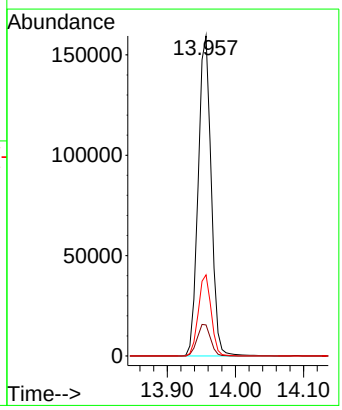


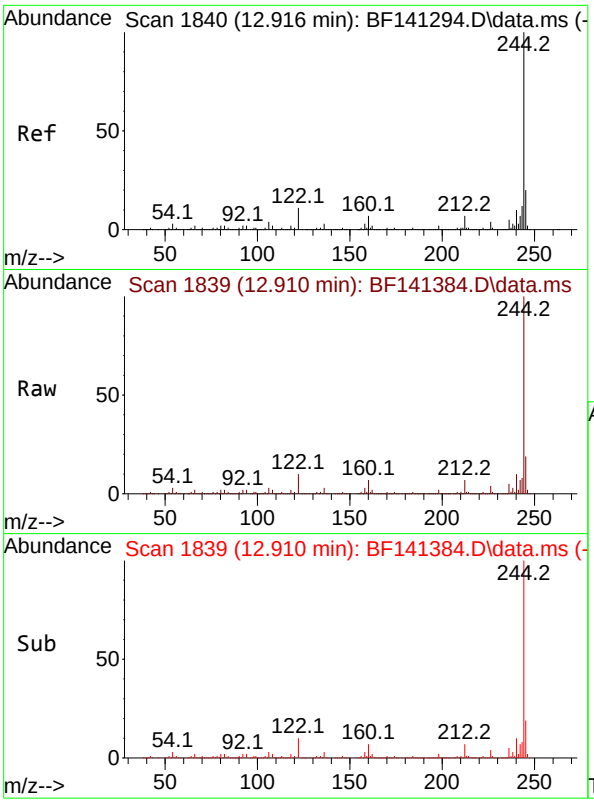


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:240 Resp: 210585

Ion	Ratio	Lower	Upper
240	100		
120	9.7	10.0	15.0#
236	25.4	19.7	29.5



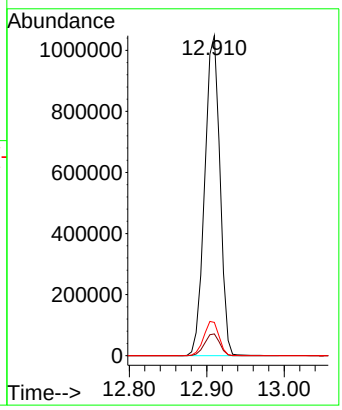


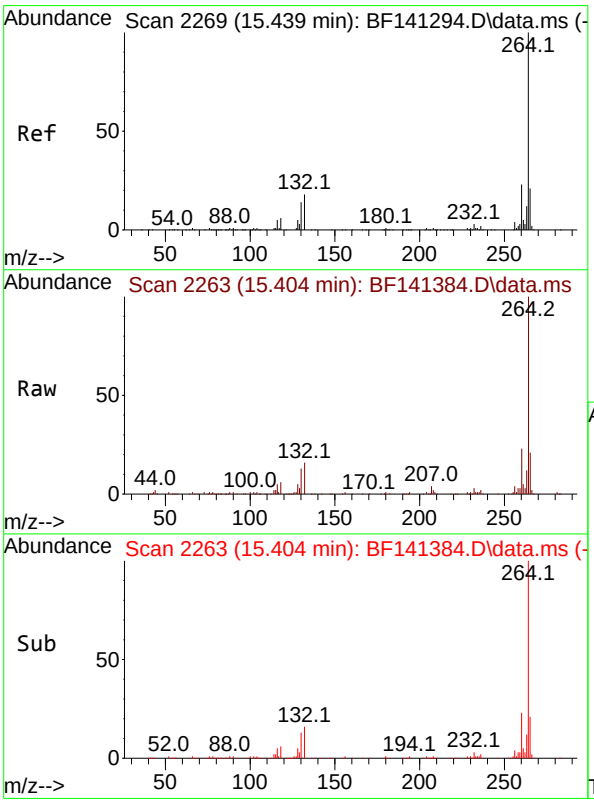
#79
Terphenyl-d14
Concen: 104.513 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Instrument :
BNA_F
ClientSampleId :
JPP-51.1-012925

Tgt Ion:244 Resp: 1427125

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.4	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.035 min
Lab File: BF141384.D
Acq: 03 Feb 2025 22:11

Tgt Ion:264 Resp: 155102

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.0	16.7	25.1