Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141351.D
Acq On : 01 Feb 2025 00:03
Operator : RC/JU
Sample : Q1194-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

Quant Time: Feb 01 00:57:20 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	6.798	152	147849	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	589893	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	306711	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	457334	20.000	ng	0.00
76) Chrysene-d12	13.962	240	306408	20.000	ng	-0.01
86) Perylene-d12	15.421	264	276735	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1036855	107.663	ng	0.01
7) Phenol-d6	6.439	99	1275689	104.126	ng	0.00
23) Nitrobenzene-d5	7.363	82	816085	72.930	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	286008	101.716	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1373369	68.921	ng	0.00
79) Terphenyl-d14	12.910	244	1120159	56.379	ng	0.00
Target Compounds						Qvalue

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

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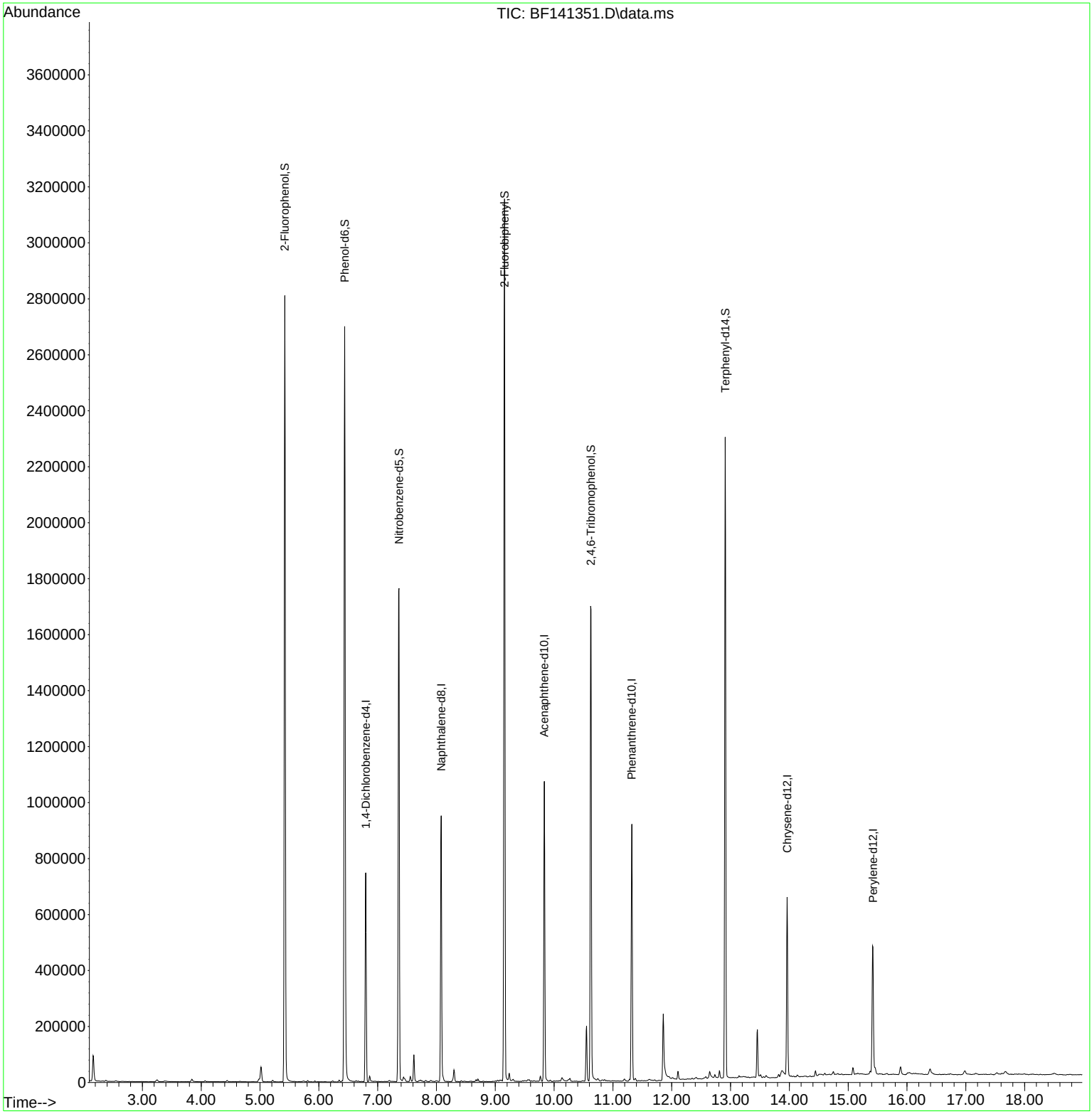
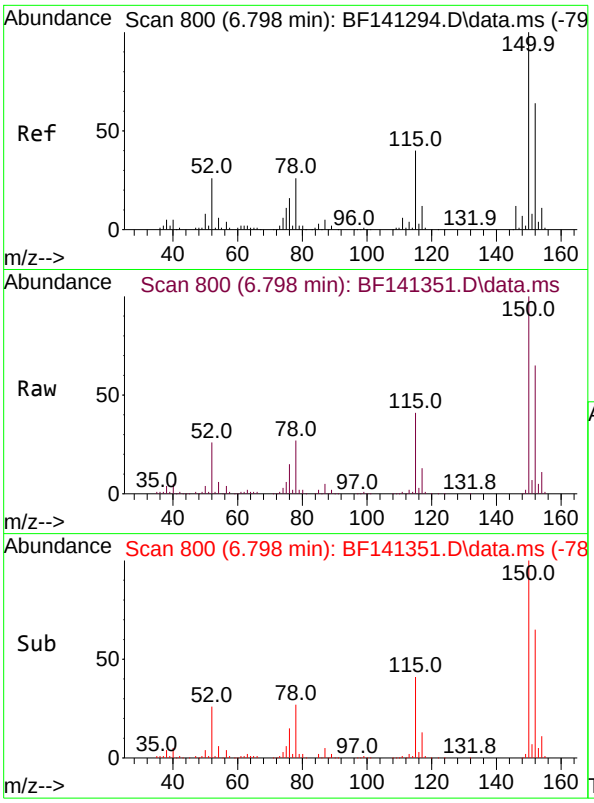


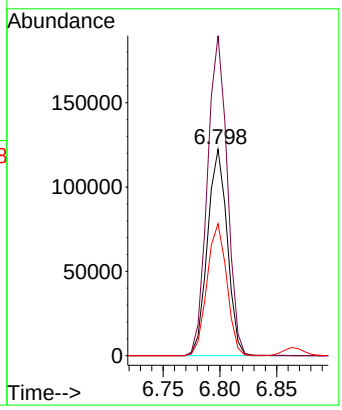


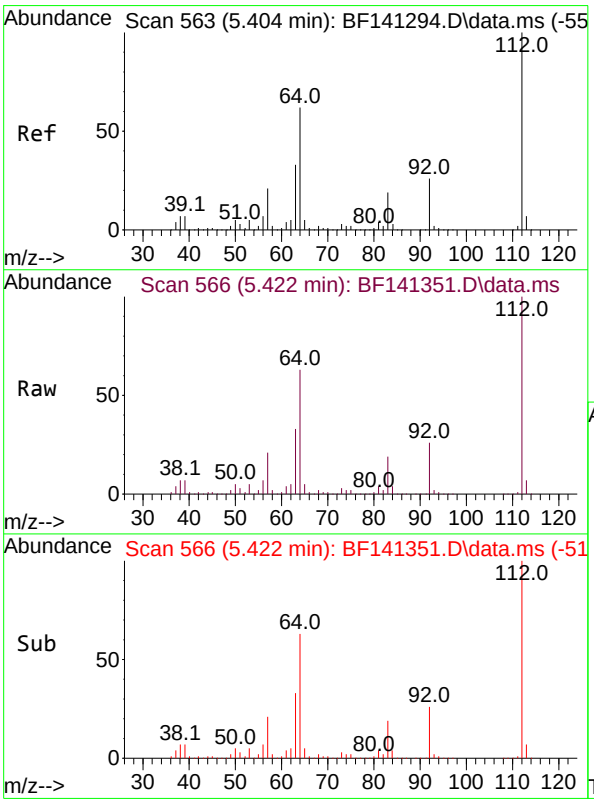
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

Tgt Ion:152 Resp: 147849

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.9	188.9
115	63.9	49.7	74.5

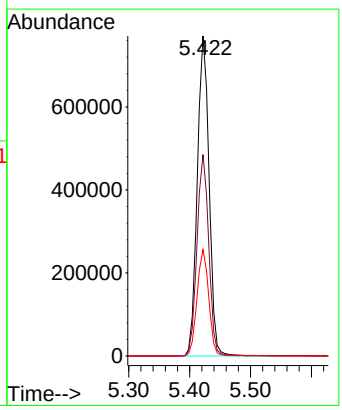


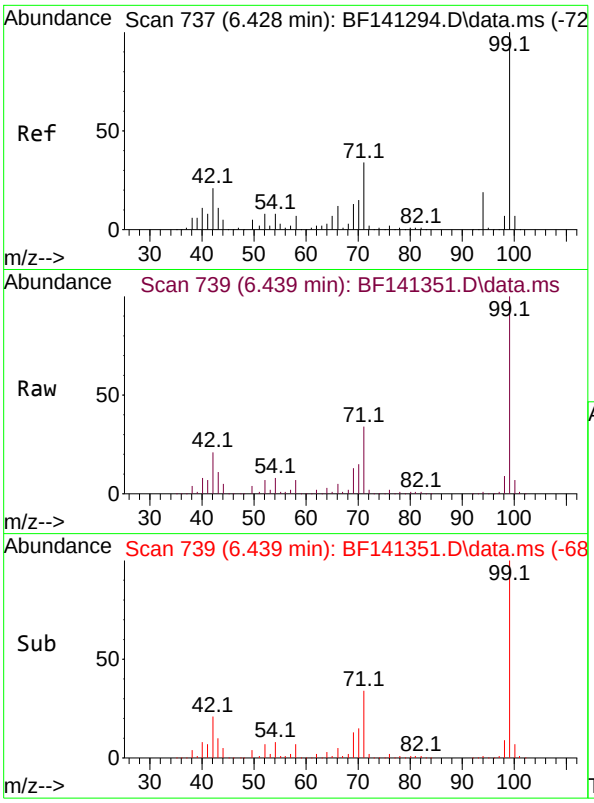


#5
2-Fluorophenol
Concen: 107.663 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:112 Resp: 1036855

Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.8	74.8
63	33.2	26.1	39.1



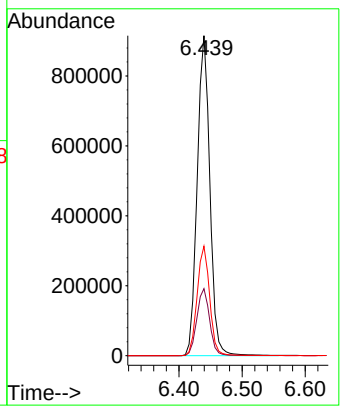


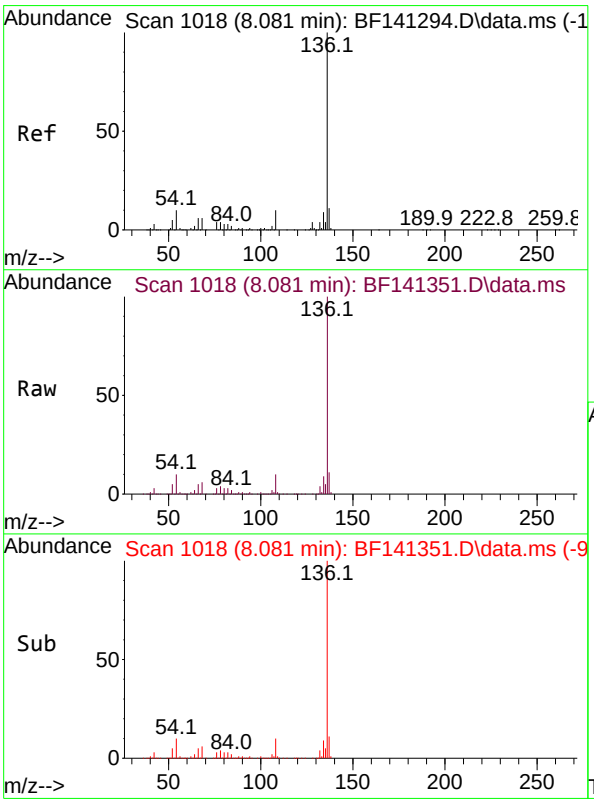
#7
Phenol-d6
Concen: 104.126 ng
RT: 6.439 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

Tgt Ion: 99 Resp: 1275689

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.1	25.7
71	34.2	26.9	40.3

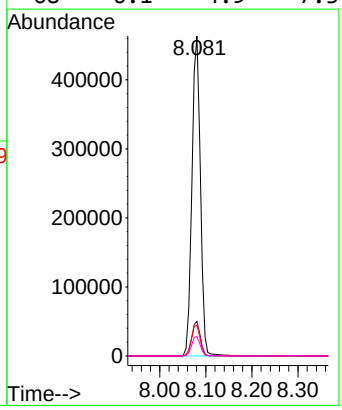


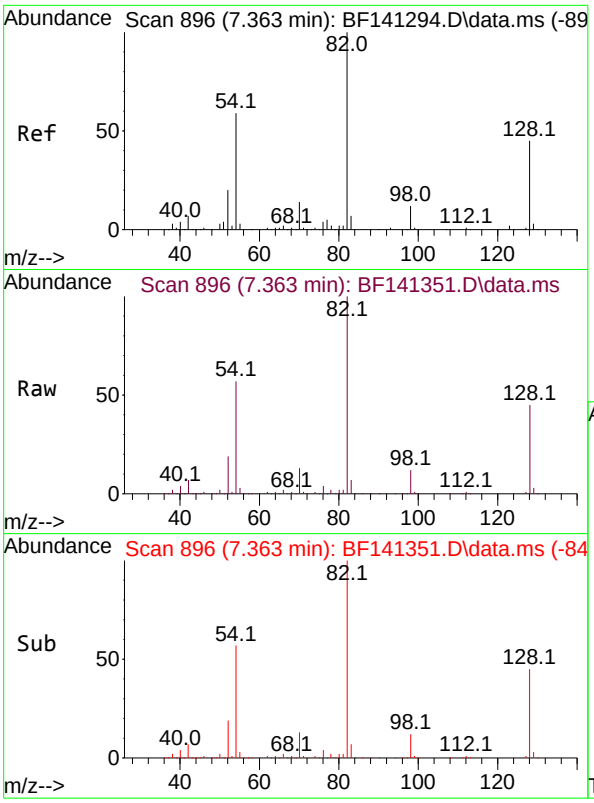


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:136 Resp: 589893

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.7	7.8	11.8
68	6.1	4.9	7.3



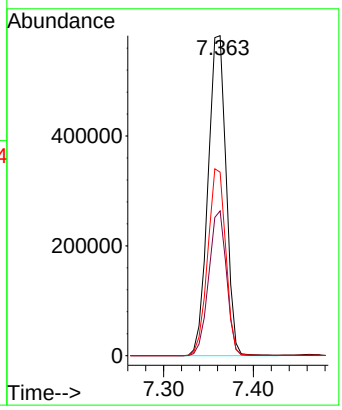


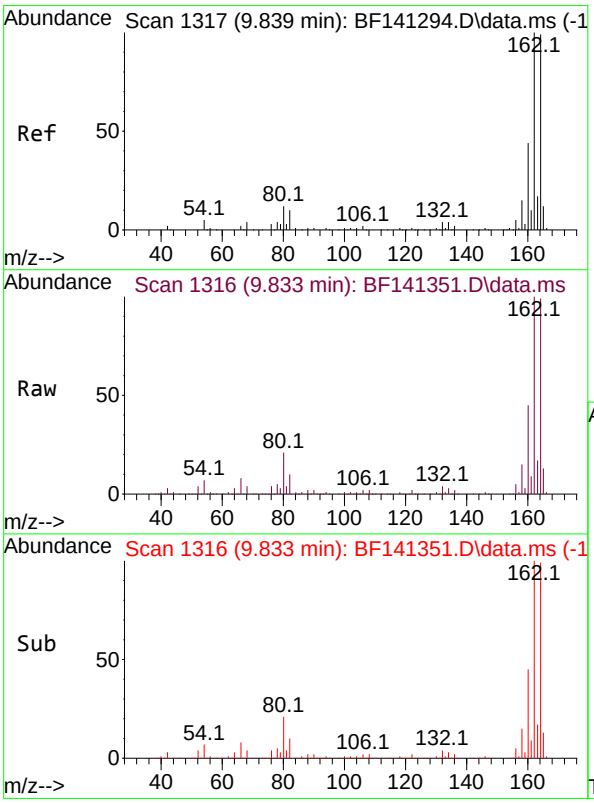
#23
Nitrobenzene-d5
Concen: 72.930 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

Tgt Ion: 82 Resp: 816085

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	57.4	47.1	70.7

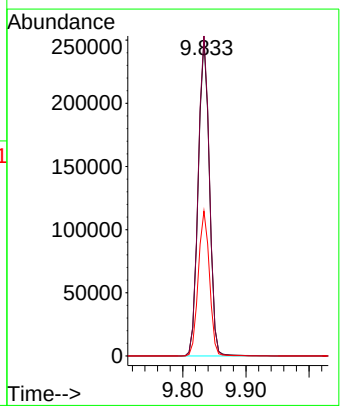


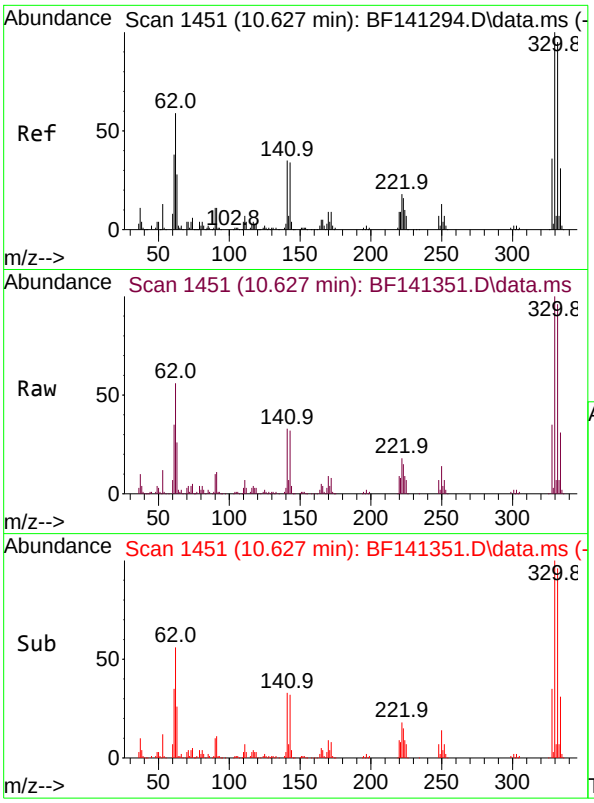


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:164 Resp: 306711

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	121.0
160	45.9	35.8	53.6



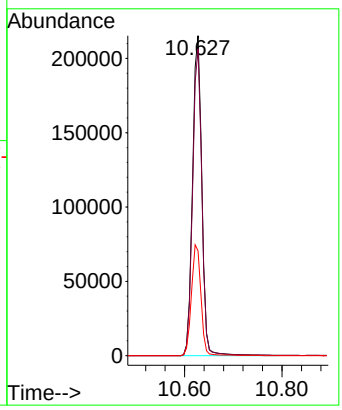


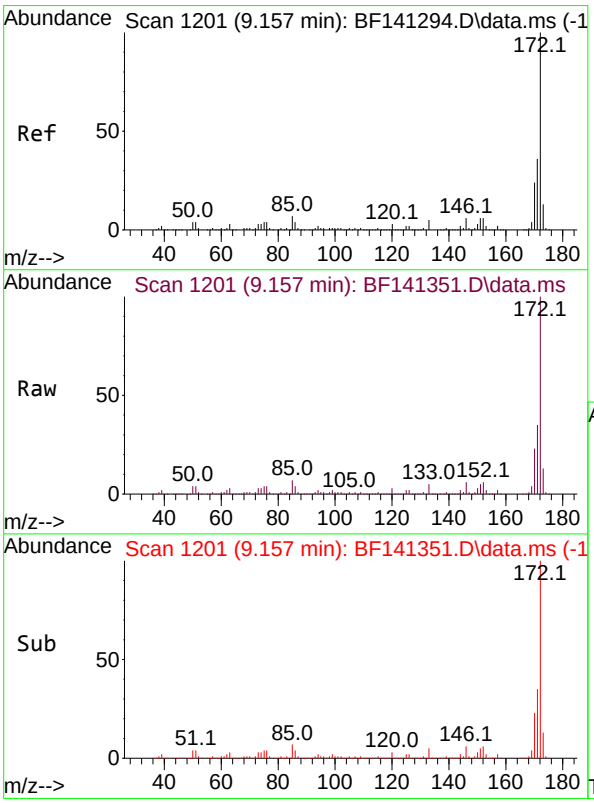
#42
2,4,6-Tribromophenol
Concen: 101.716 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

Tgt Ion:330 Resp: 286008

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.1	114.1
141	35.4	28.8	43.2

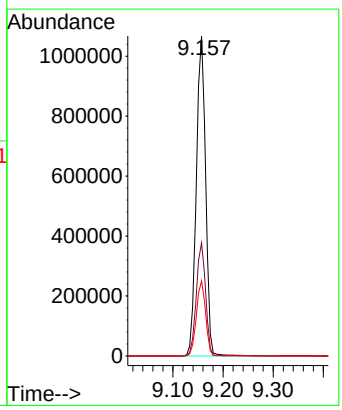


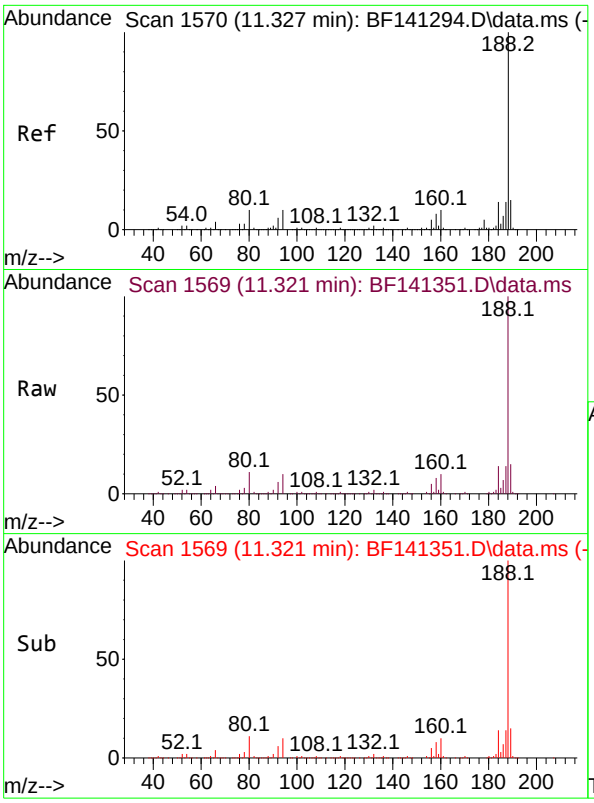


#45
2-Fluorobiphenyl
Concen: 68.921 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:172 Resp: 1373369

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.4	19.0	28.6



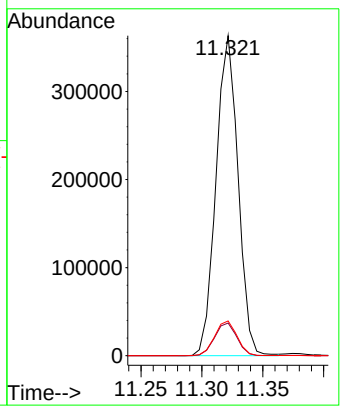


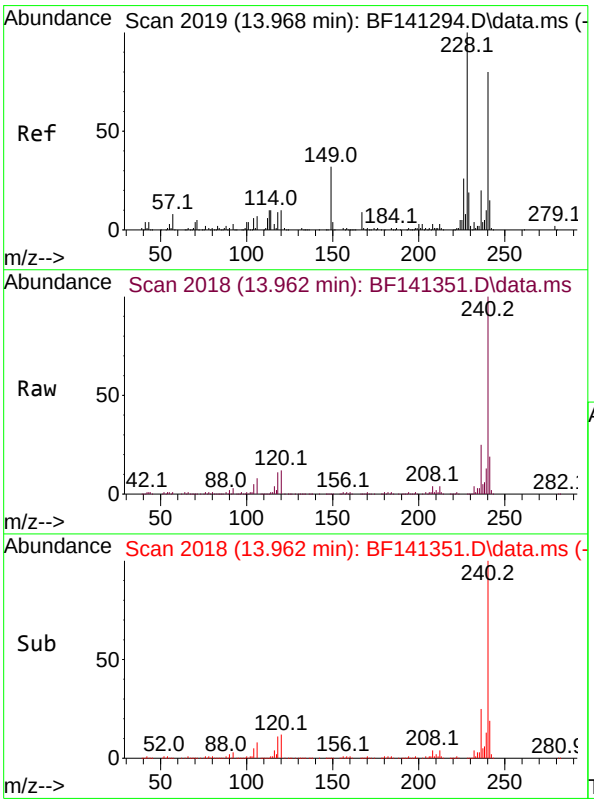
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

Tgt Ion:188 Resp: 457334

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.8	11.6
80	10.9	8.2	12.4

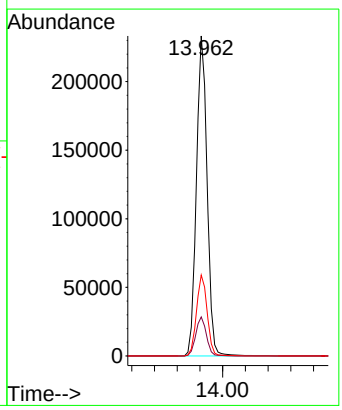


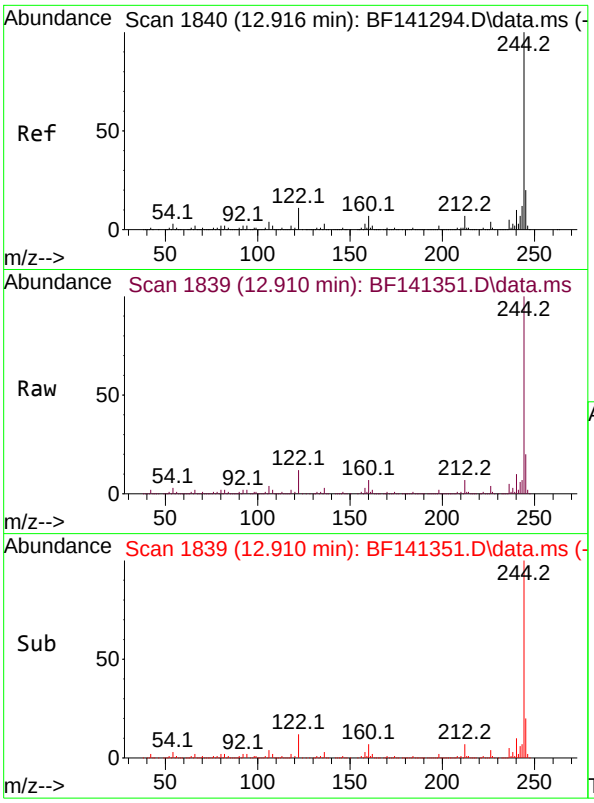


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:240 Resp: 306408

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.0	15.0
236	25.3	19.7	29.5



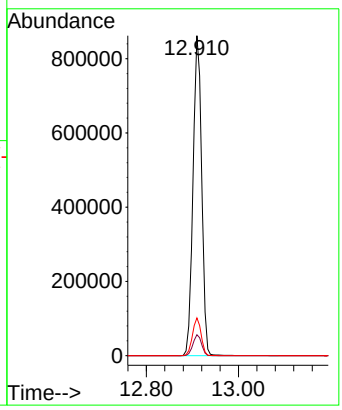


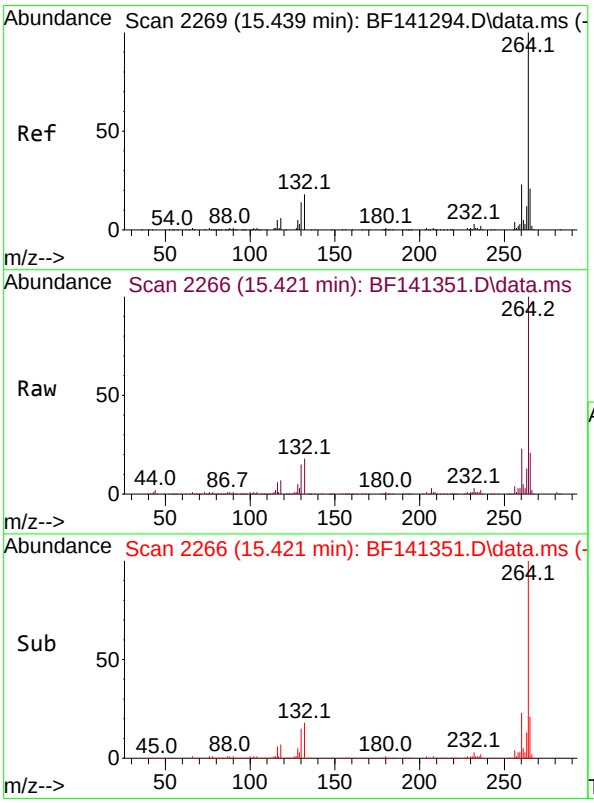
#79
Terphenyl-d14
Concen: 56.379 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

Tgt Ion:244 Resp: 1120159

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.8	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141351.D
Acq: 01 Feb 2025 00:03

Tgt Ion:264 Resp: 276735

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.4	16.7	25.1