Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142085.D
Acq On : 25 Mar 2025 18:38
Operator : RC/JU
Sample : Q1627-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTH

Quant Time: Mar 25 21:49:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	148330	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	577748	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	328541	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	561994	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	279994	20.000	ng	0.00
86) Perylene-d12	15.504	264	235115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1344717	151.303	ng	0.02
7) Phenol-d6	6.504	99	1543055	136.362	ng	0.00
23) Nitrobenzene-d5	7.434	82	1181256	115.061	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	817582	196.158	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2454080	113.599	ng	-0.01
79) Terphenyl-d14	12.980	244	2890762	152.641	ng	0.00
Target Compounds						Qvalue

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

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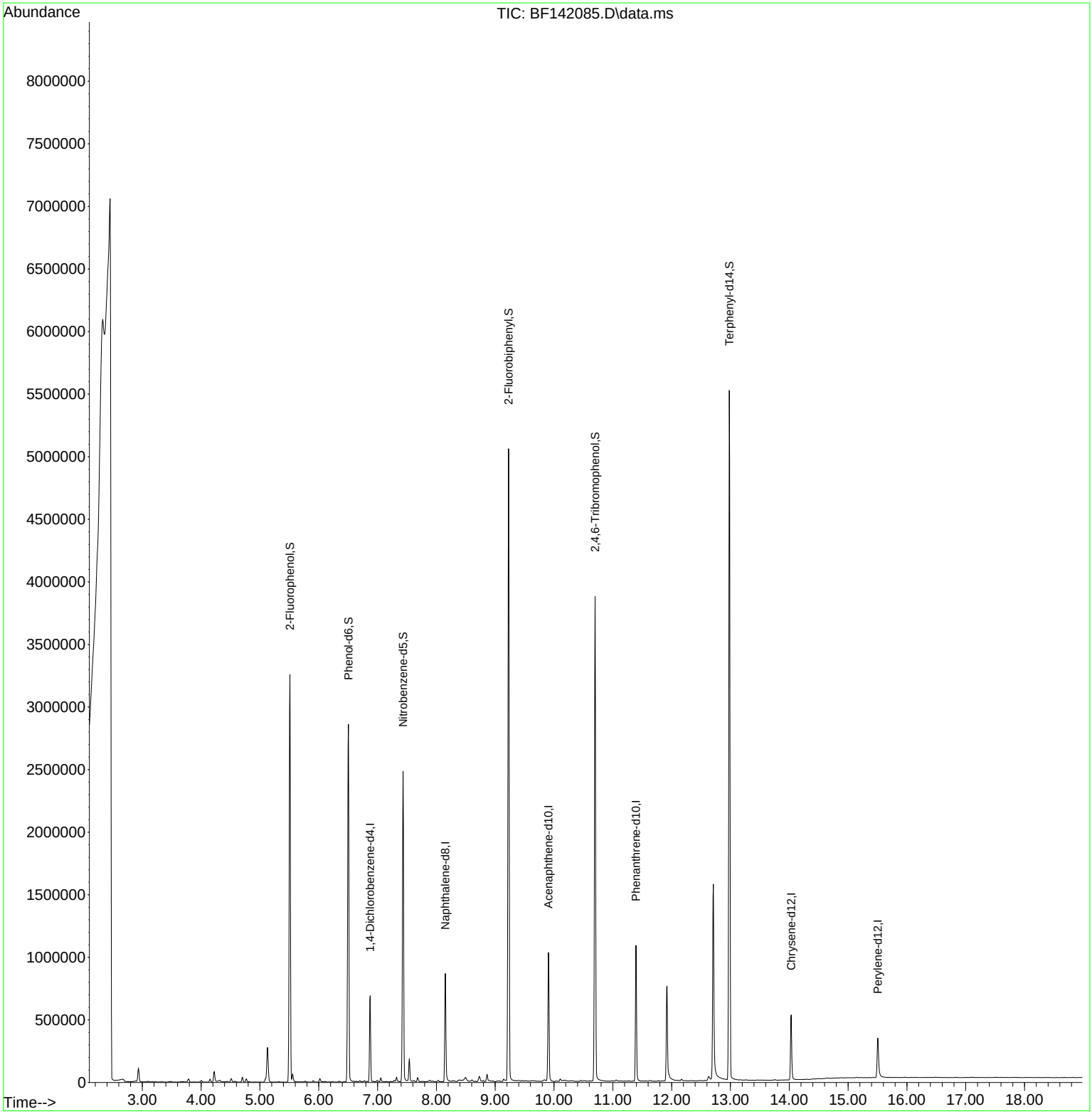
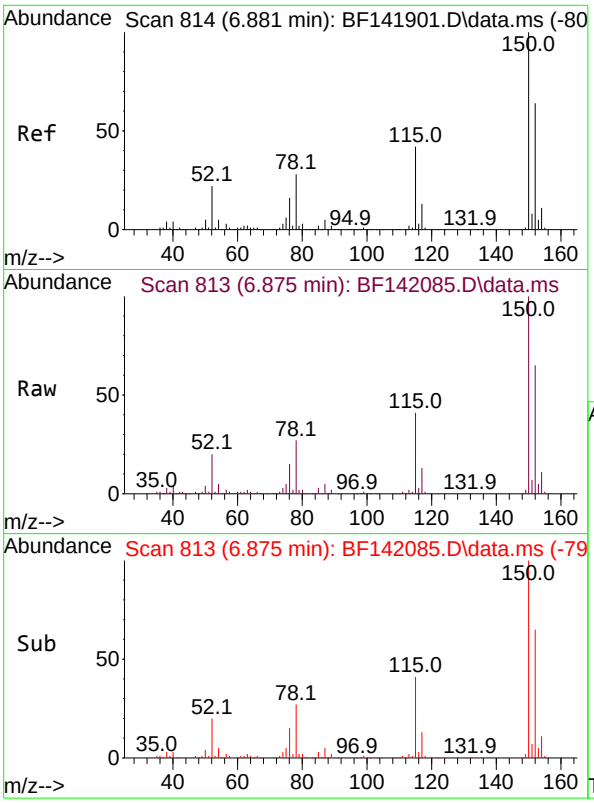


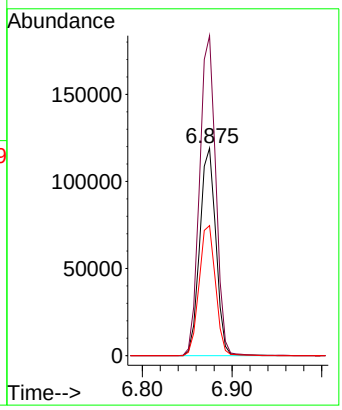


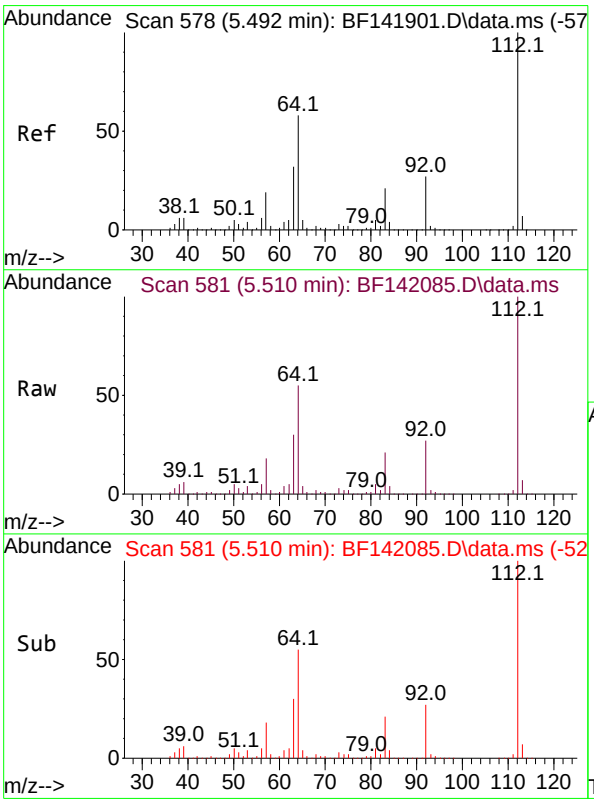
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion:152 Resp: 148330

Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.4	191.2
115	62.7	51.9	77.9

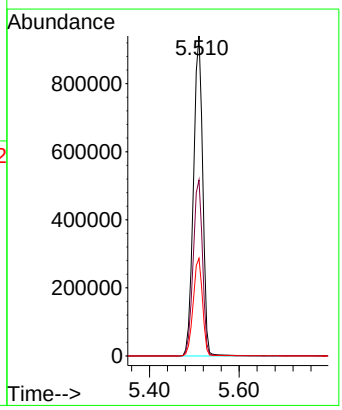


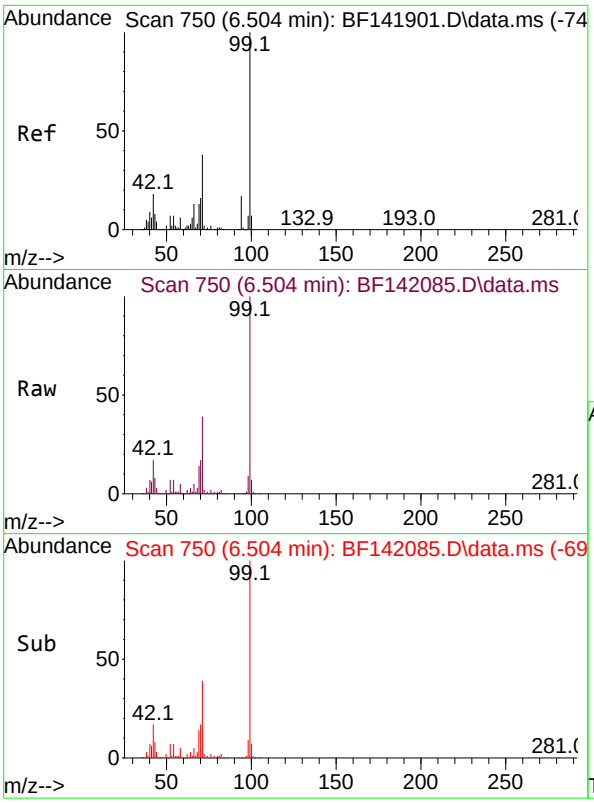


#5
2-Fluorophenol
Concen: 151.303 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Tgt Ion:112 Resp: 1344717

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	30.5	25.4	38.2



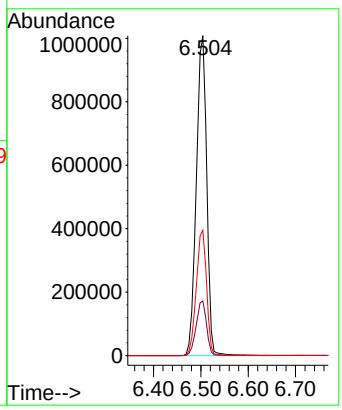


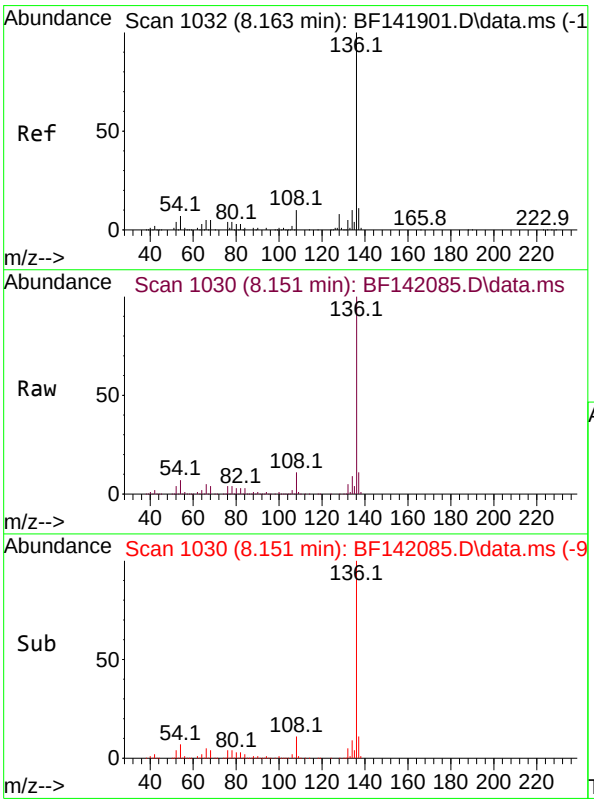
#7
Phenol-d6
Concen: 136.362 ng
RT: 6.504 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion: 99 Resp: 1543055

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.6	21.8
71	39.2	30.8	46.2

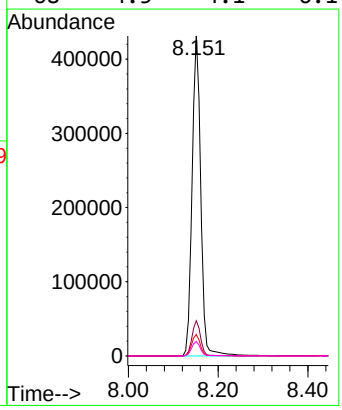


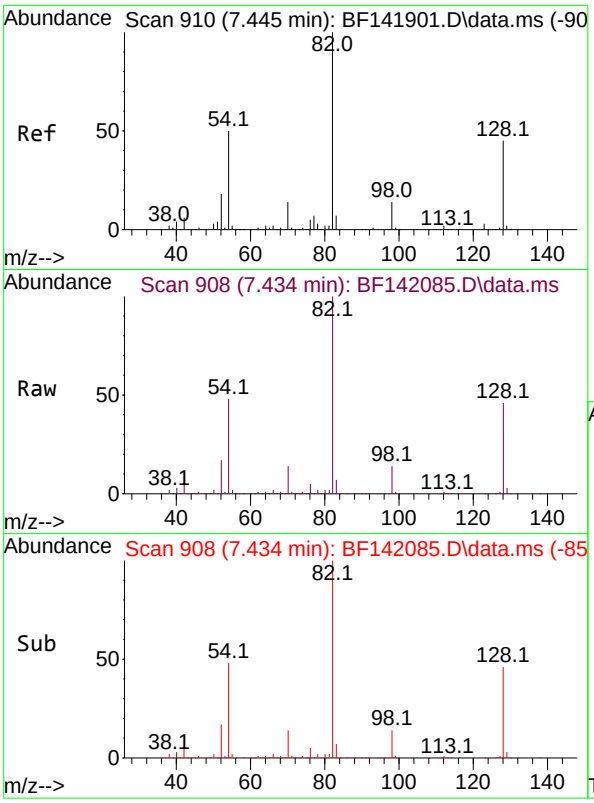


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Tgt Ion:136 Resp: 577748

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.8	8.8
68	4.5	4.1	6.1



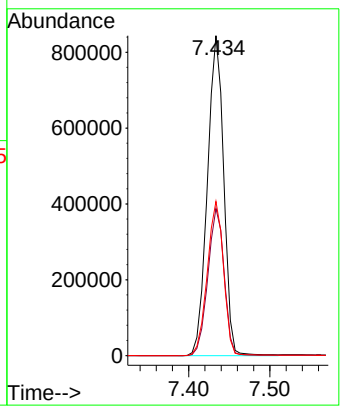


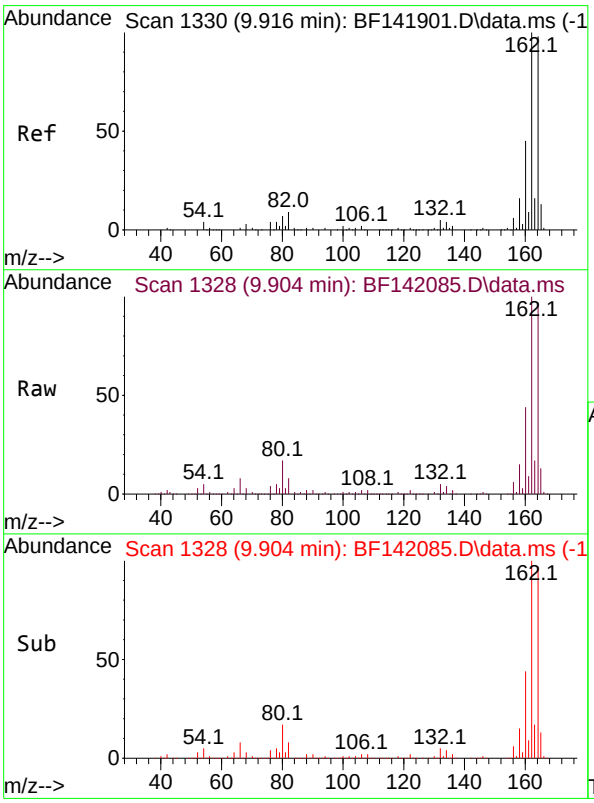
#23
Nitrobenzene-d5
Concen: 115.061 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion: 82 Resp: 1181256

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.0	54.0
54	48.2	39.6	59.4

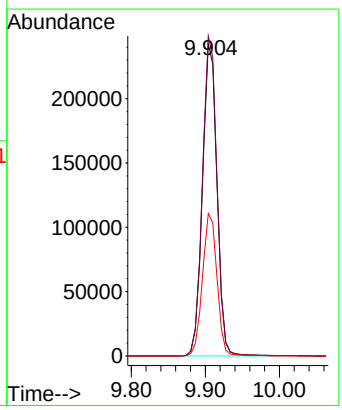


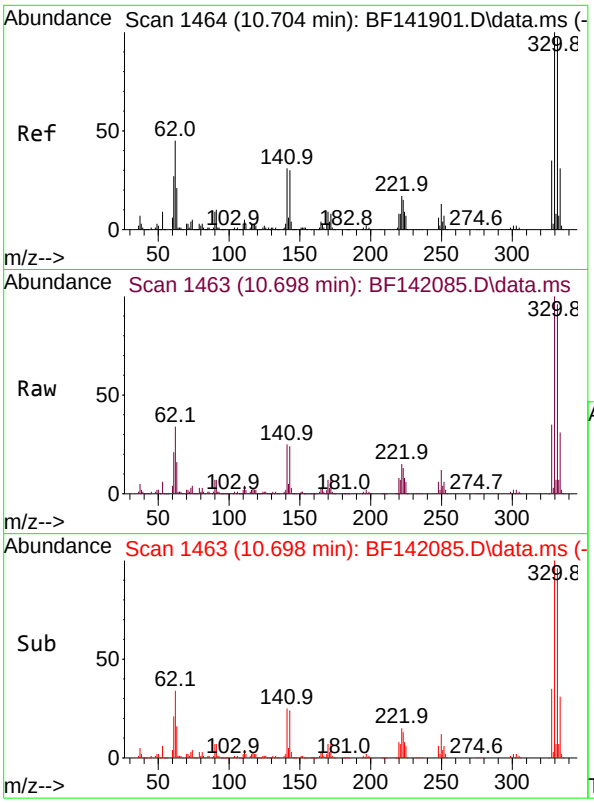


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Tgt Ion:164 Resp: 328541

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	45.6	36.7	55.1



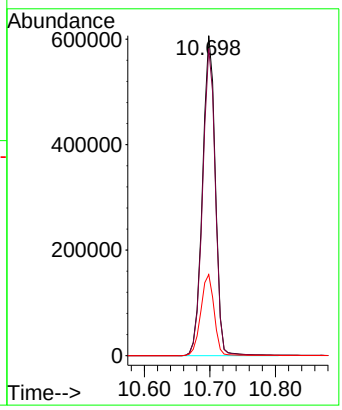


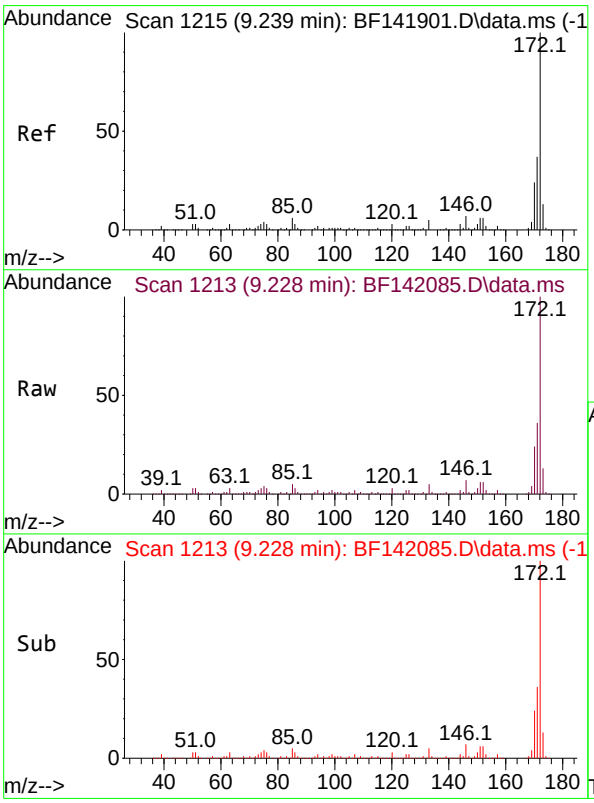
#42
2,4,6-Tribromophenol
Concen: 196.158 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion:330 Resp: 817582

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	26.5	24.7	37.1

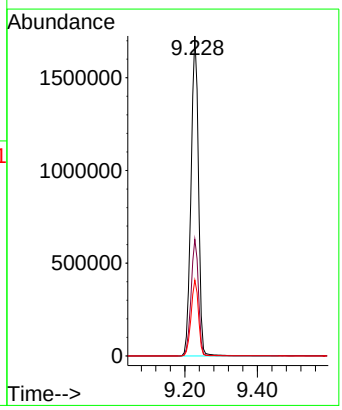


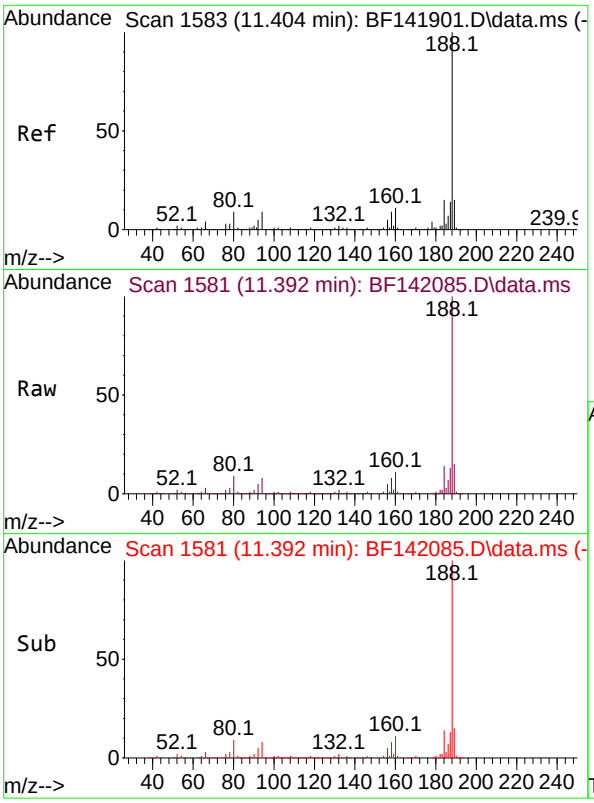


#45
2-Fluorobiphenyl
Concen: 113.599 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Tgt Ion:172 Resp: 2454080

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	23.7	19.4	29.0



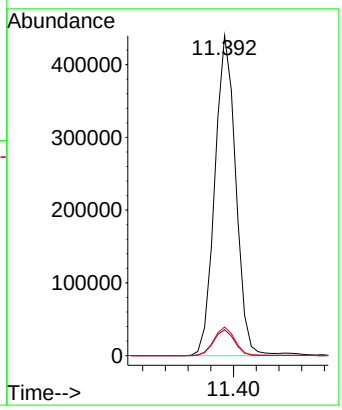


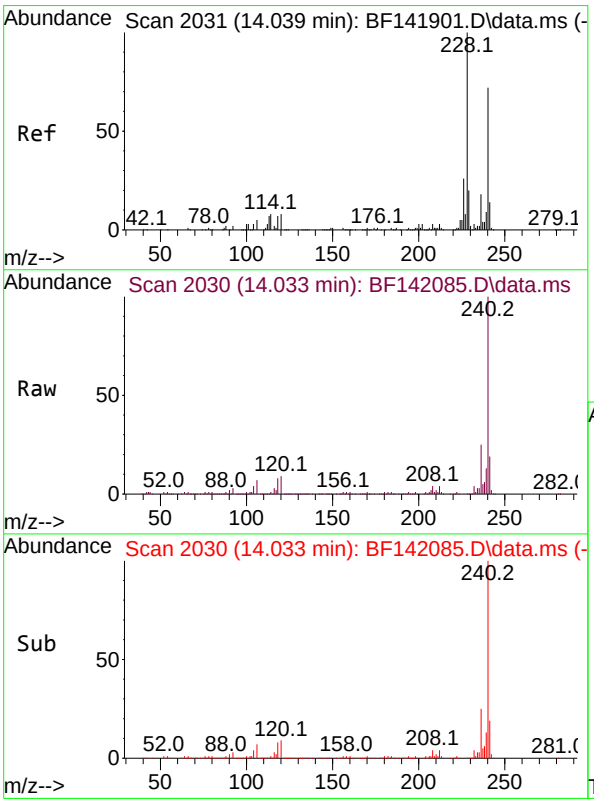
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion:188 Resp: 561994

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.8	10.2
80	8.9	7.6	11.4

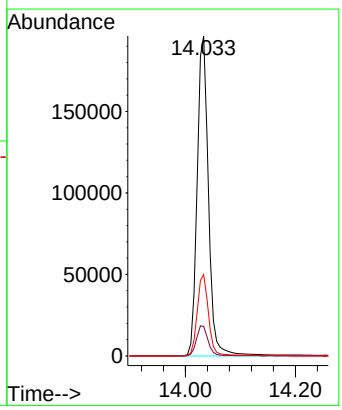


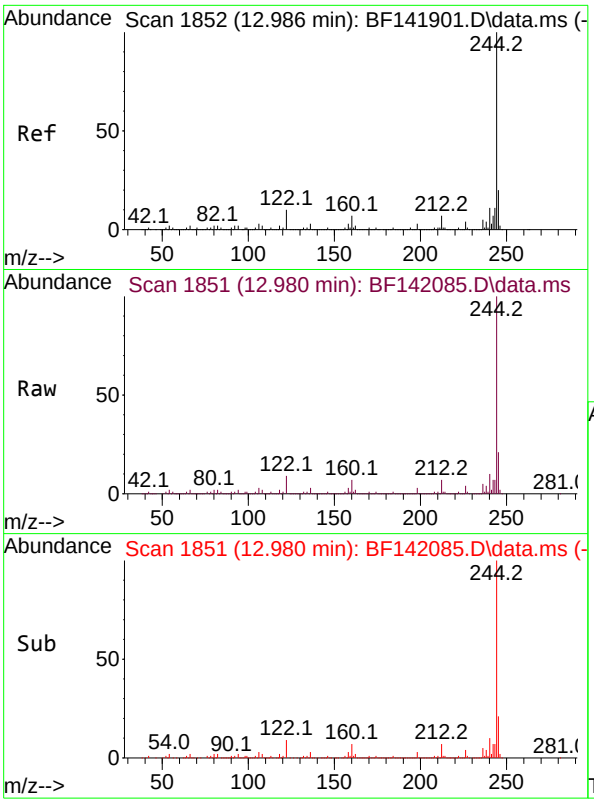


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Tgt Ion:240 Resp: 279994

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.4	12.6
236	25.4	20.5	30.7



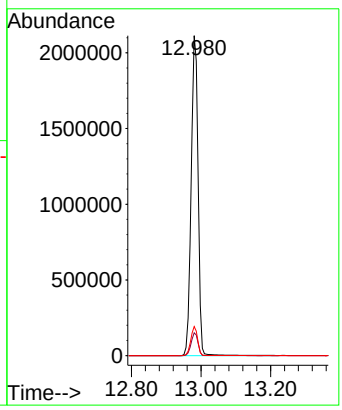


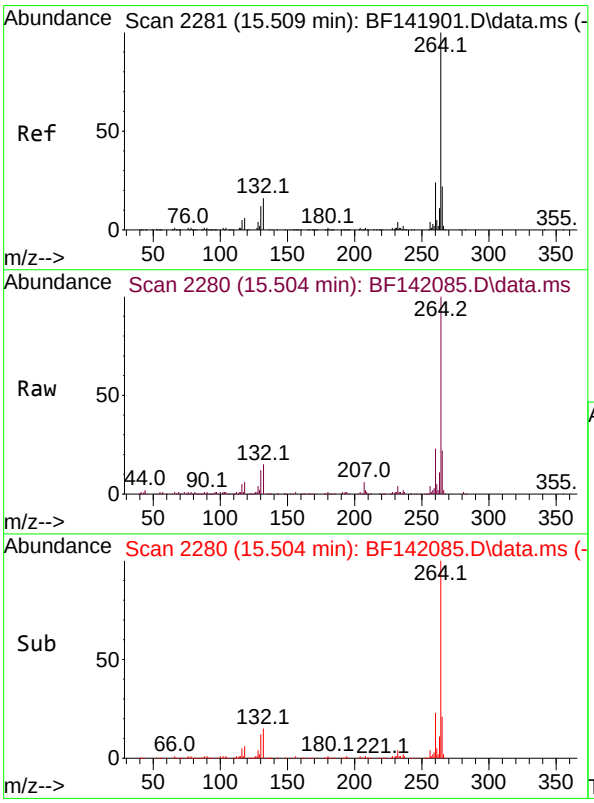
#79
Terphenyl-d14
Concen: 152.641 ng
RT: 12.980 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTH

Tgt Ion:244 Resp: 2890762

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.1	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF142085.D
Acq: 25 Mar 2025 18:38

Tgt Ion:264 Resp: 235115

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.5	17.5	26.3