Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049916.D
Acq On : 14 Apr 2025 16:29
Operator : RC/JU
Sample : Q1760-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-17

Quant Time: Apr 14 19:36:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	414370	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1440095	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	941798	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1863593	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1839515	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1894785	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2712832	111.171	ng	0.00
7) Phenol-d6	6.951	99	2990682	98.504	ng	0.00
23) Nitrobenzene-d5	8.928	82	2207847	85.372	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1880734	137.292	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5874109	84.576	ng	-0.01
79) Terphenyl-d14	19.786	244	9699231	98.813	ng	0.00
Target Compounds						Qvalue

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

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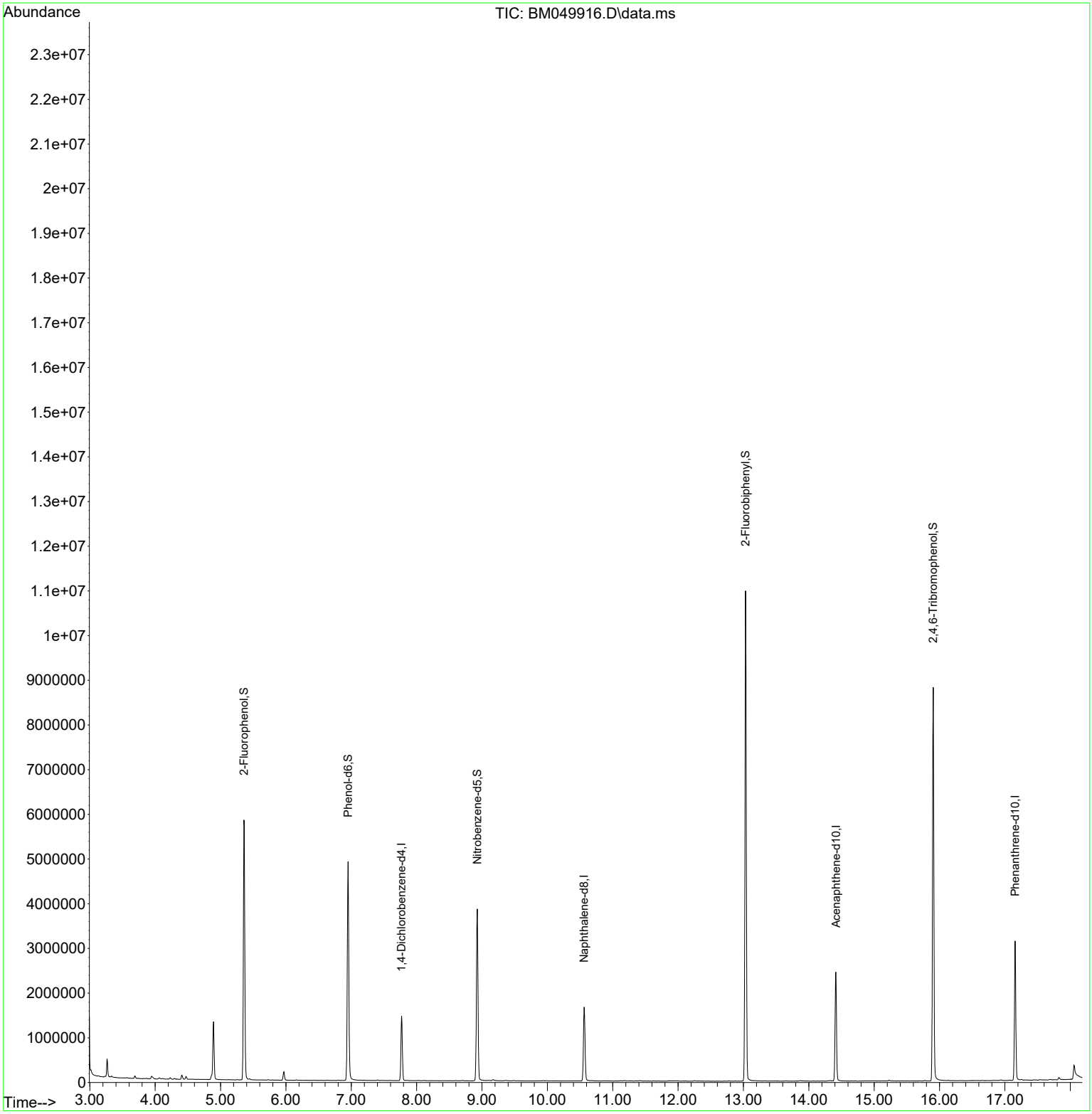

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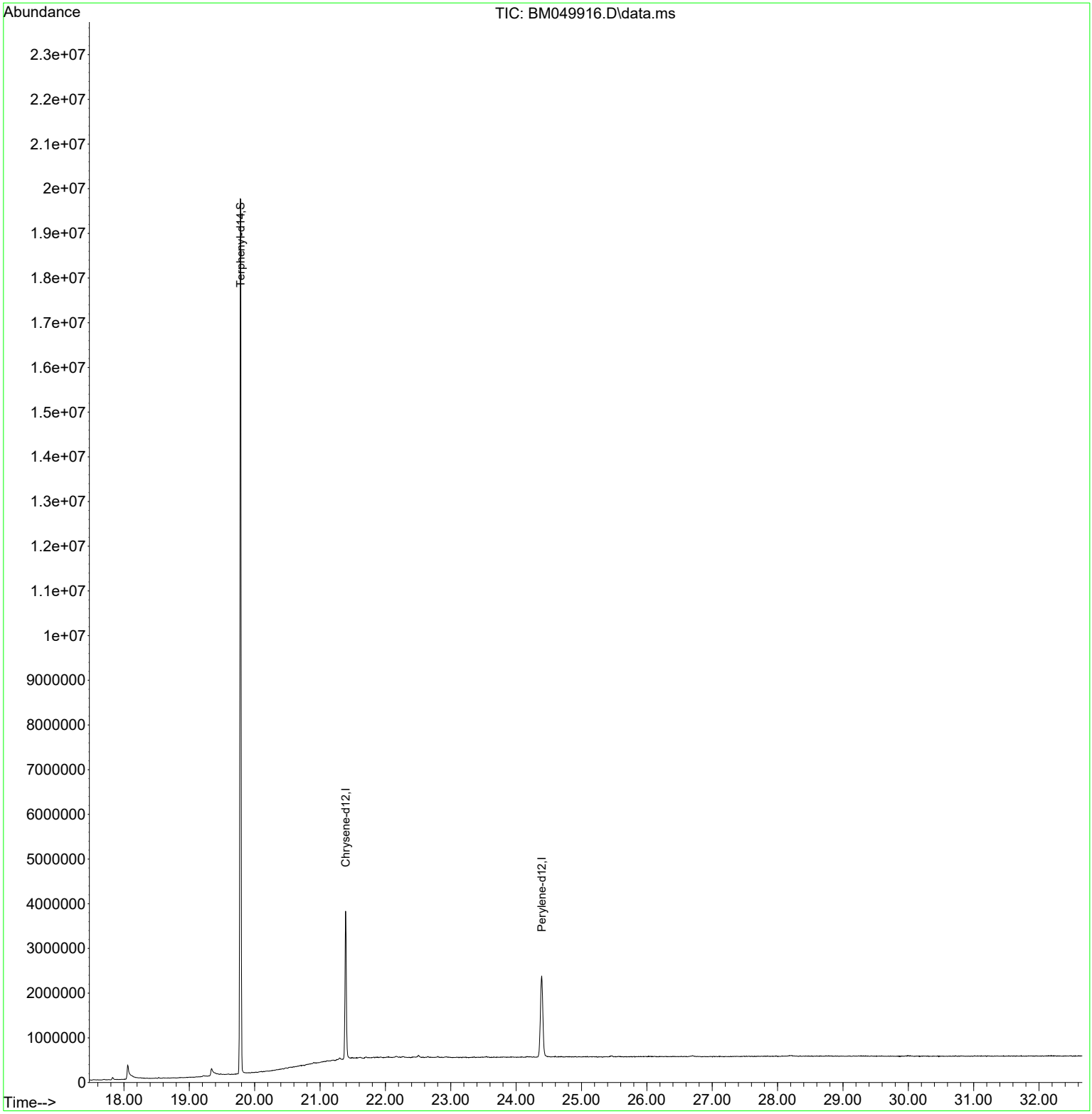
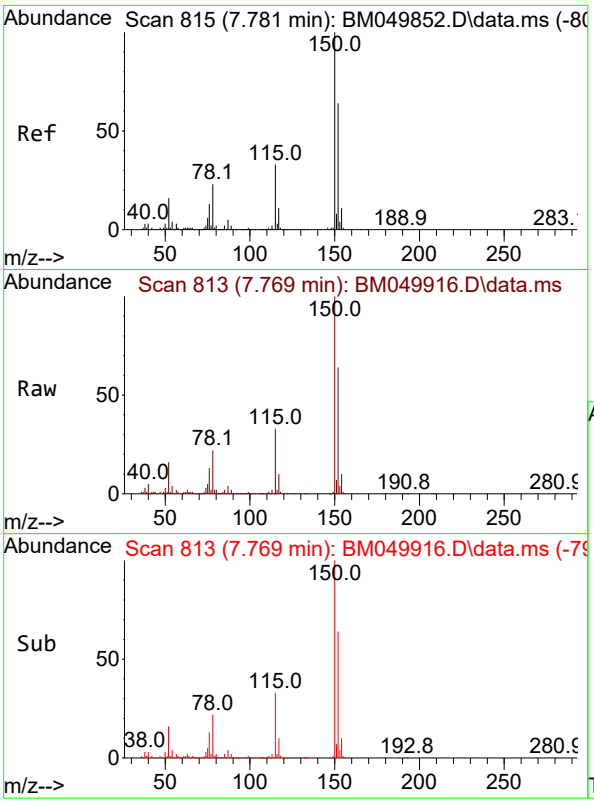


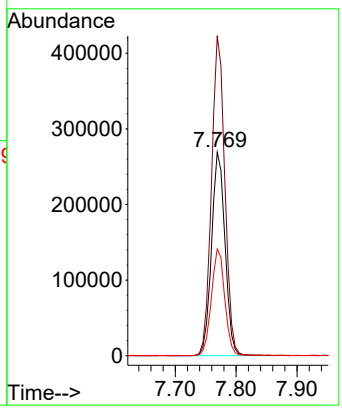


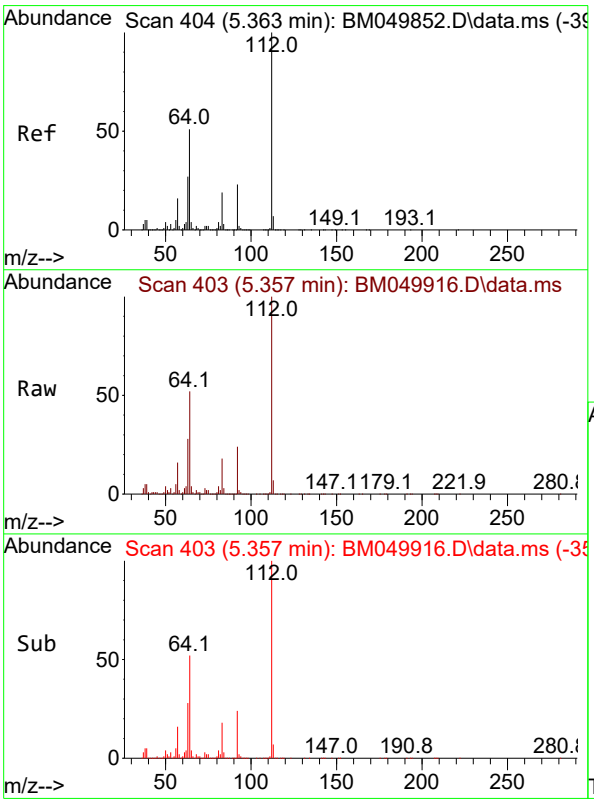
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:152 Resp: 414370

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.3	186.5
115	52.4	41.1	61.7

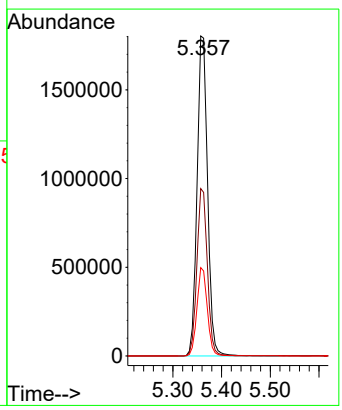


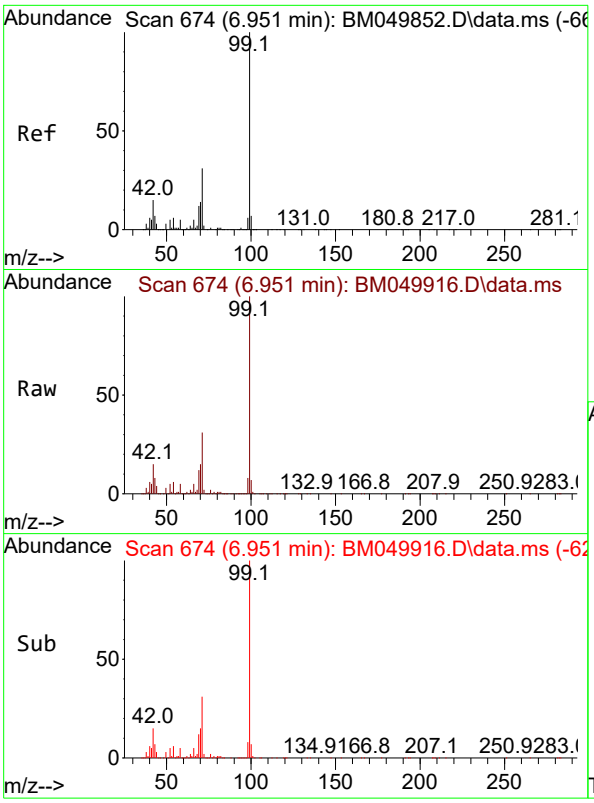


#5
2-Fluorophenol
Concen: 111.171 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Tgt Ion:112 Resp: 2712832

Ion	Ratio	Lower	Upper
112	100		
64	52.3	41.0	61.6
63	27.6	21.5	32.3



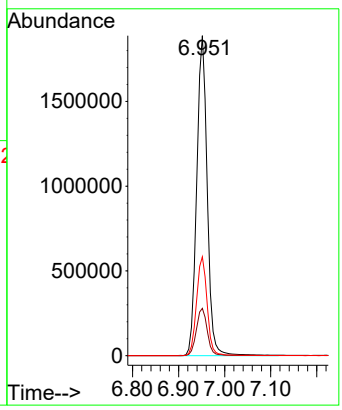


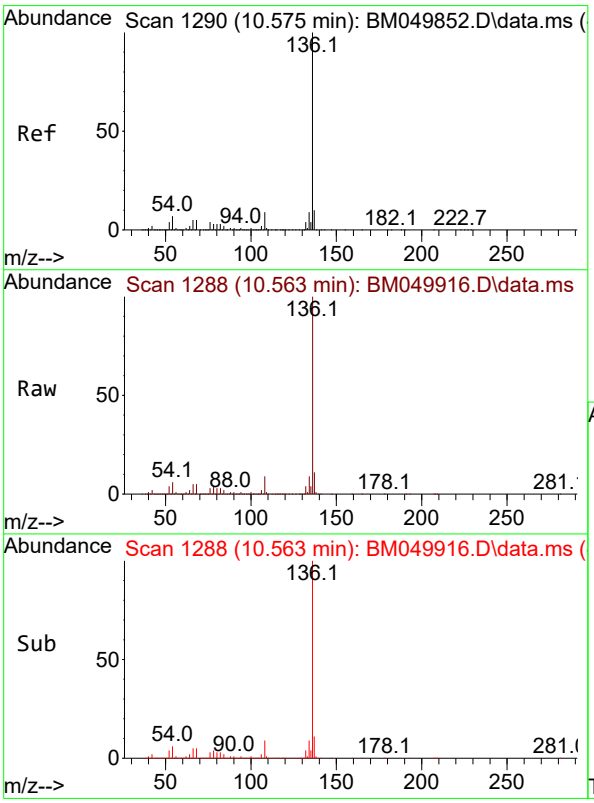
#7
Phenol-d6
Concen: 98.504 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion: 99 Resp: 2990682

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.1	18.1
71	30.9	24.9	37.3

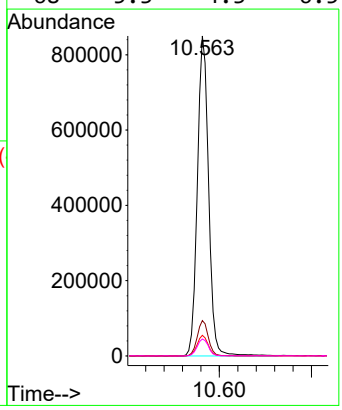


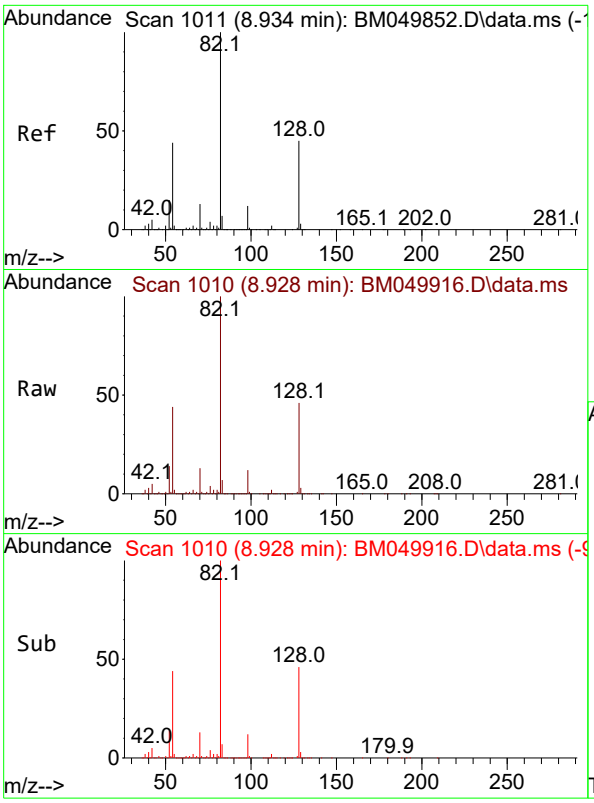


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Tgt Ion:136 Resp: 1440095

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.5	5.3	7.9
68	5.3	4.3	6.5



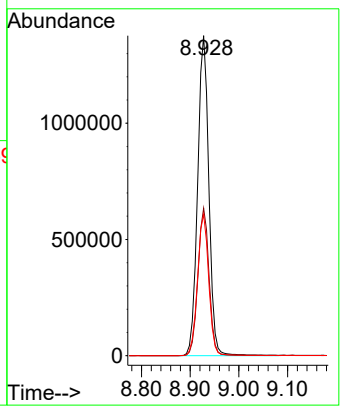


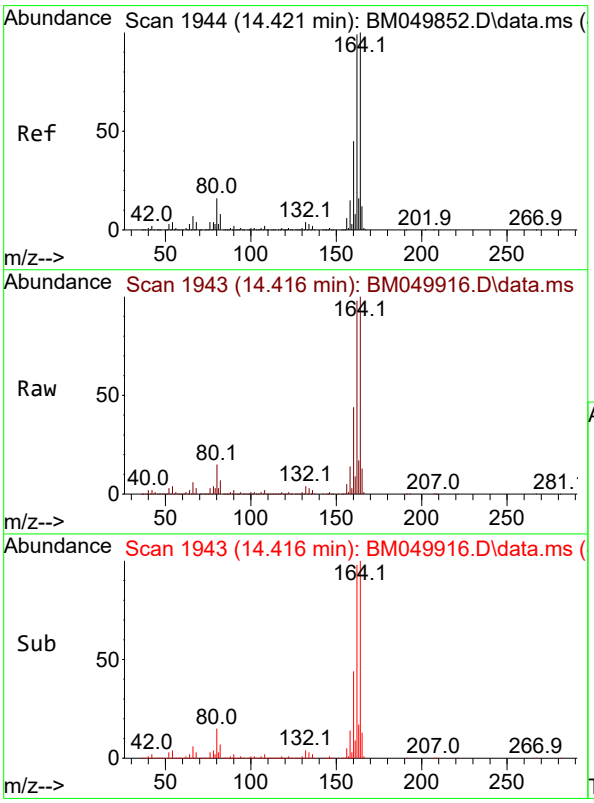
#23
Nitrobenzene-d5
Concen: 85.372 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion: 82 Resp: 2207847

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.2	54.2
54	44.1	35.0	52.6

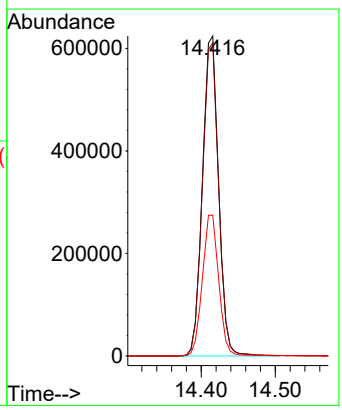


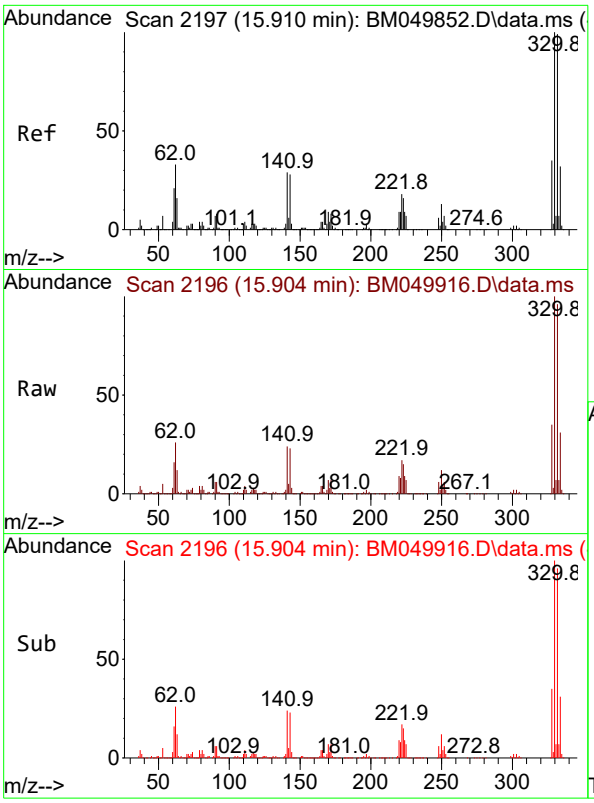


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Tgt Ion:164 Resp: 941798

Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.4	119.0
160	44.0	36.2	54.2



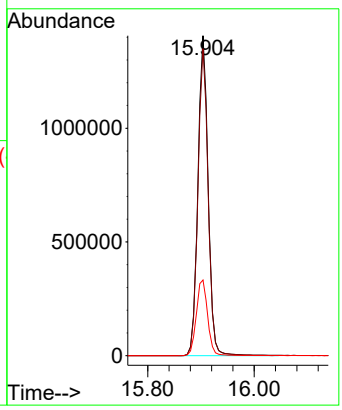


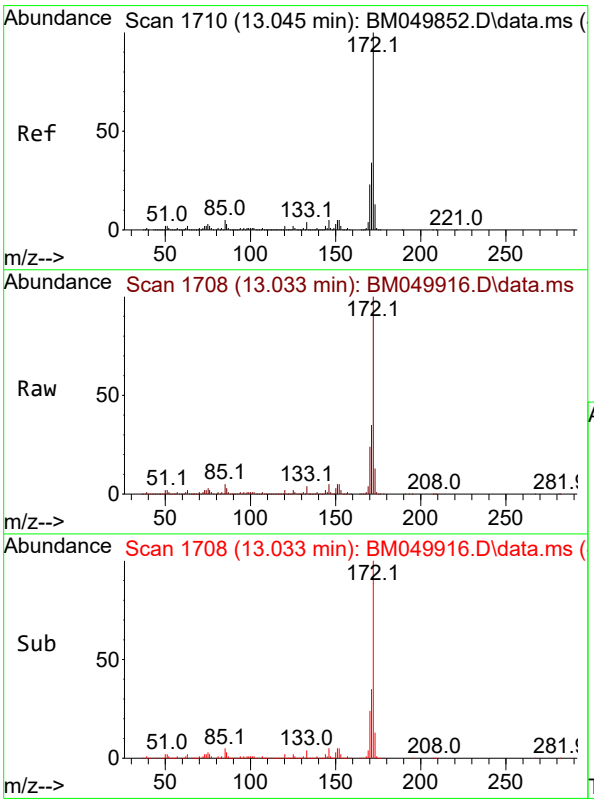
#42
2,4,6-Tribromophenol
Concen: 137.292 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:330 Resp: 1880734

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	26.2	23.5	35.3

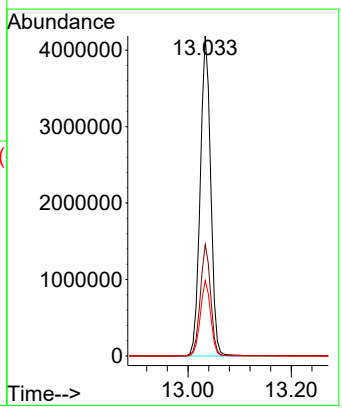


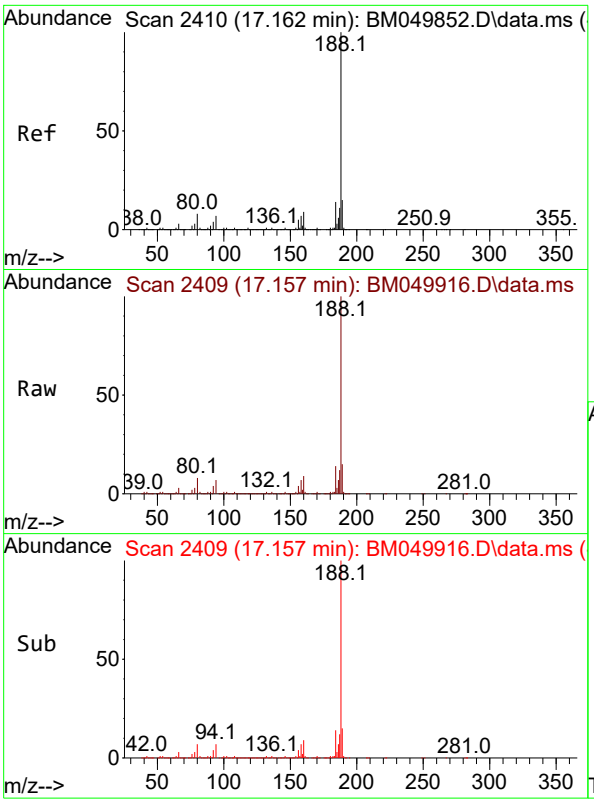


#45
2-Fluorobiphenyl
Concen: 84.576 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Tgt Ion:172 Resp: 5874109

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.4	41.2
170	23.5	18.6	28.0



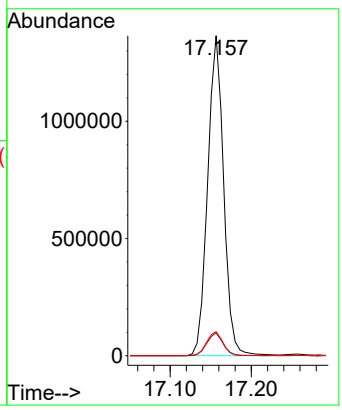


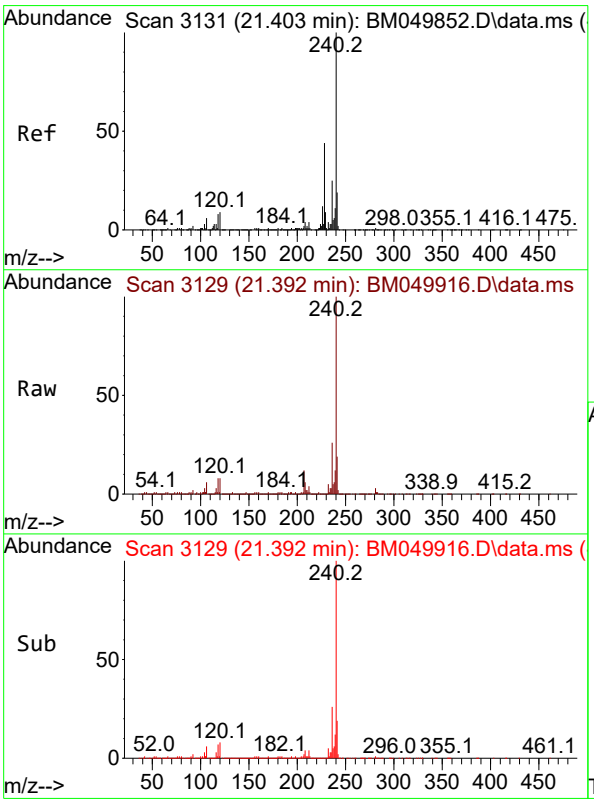
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:188 Resp: 1863593

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	7.5	6.4	9.6

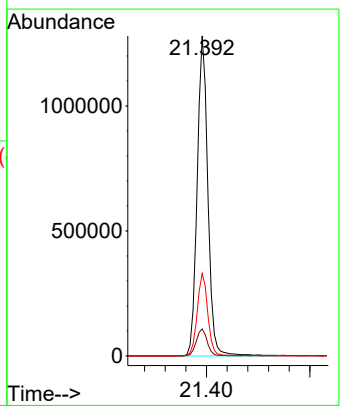


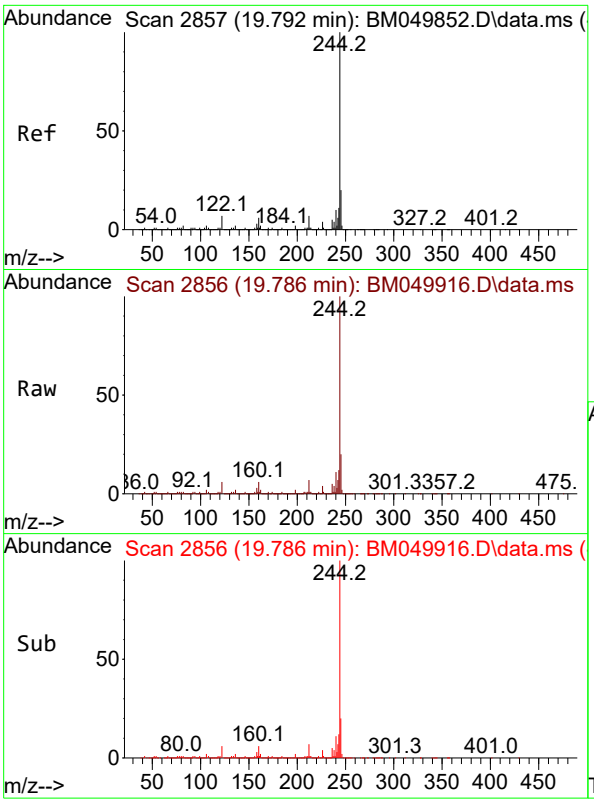


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Tgt Ion:240 Resp: 1839515

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	25.8	20.4	30.6



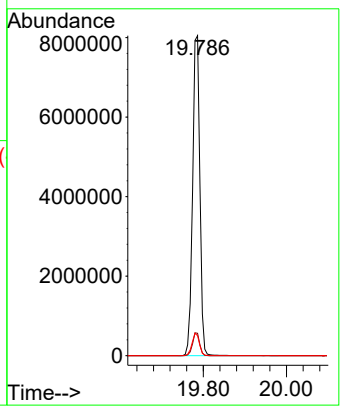


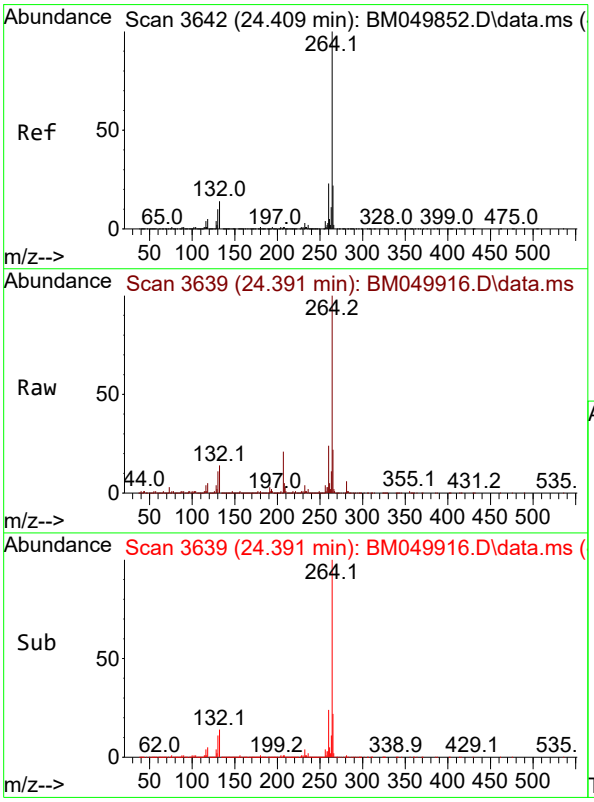
#79
Terphenyl-d14
Concen: 98.813 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:244 Resp: 9699231

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	6.3	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049916.D
Acq: 14 Apr 2025 16:29

Tgt Ion:264 Resp: 1894785

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.2	17.8	26.8