Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
Data File : BM047539.D
Acq On : 17 Sep 2024 09:27
Operator : RC/JU
Sample : PB163109BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163109BL

Quant Time: Sep 17 11:08:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	441001	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	1746104	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	950653	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1785434	20.000	ng	0.00
76) Chrysene-d12	21.439	240	1140059	20.000	ng	0.00
86) Perylene-d12	24.462	264	990611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	4138782	149.429	ng	0.00
7) Phenol-d6	7.010	99	5232947	134.159	ng	0.00
23) Nitrobenzene-d5	9.004	82	3150090	90.287	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	1223566	133.157	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	6423567	93.079	ng	0.00
79) Terphenyl-d14	19.827	244	8633056	135.694	ng	0.00
Target Compounds						Qvalue

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

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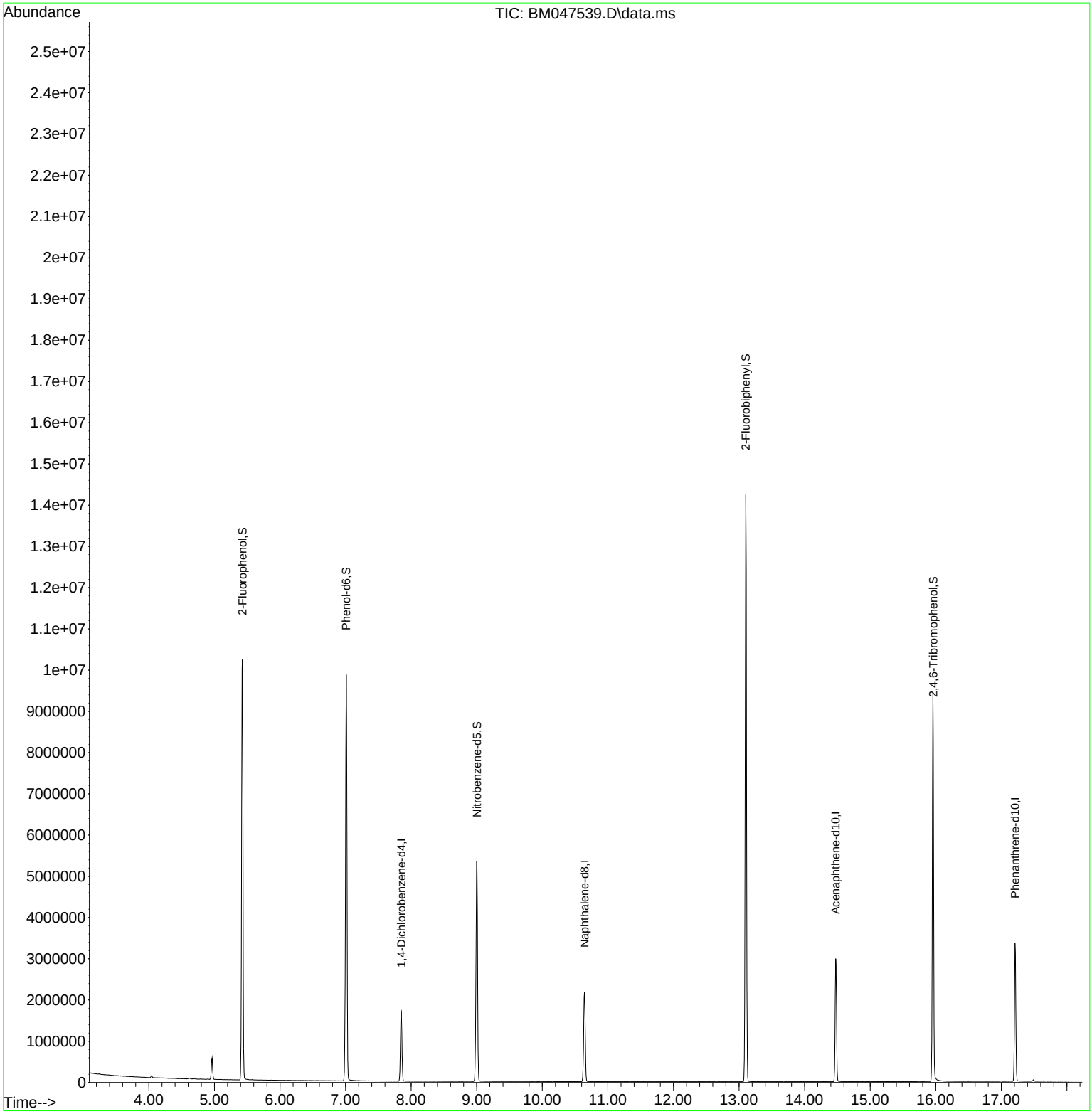

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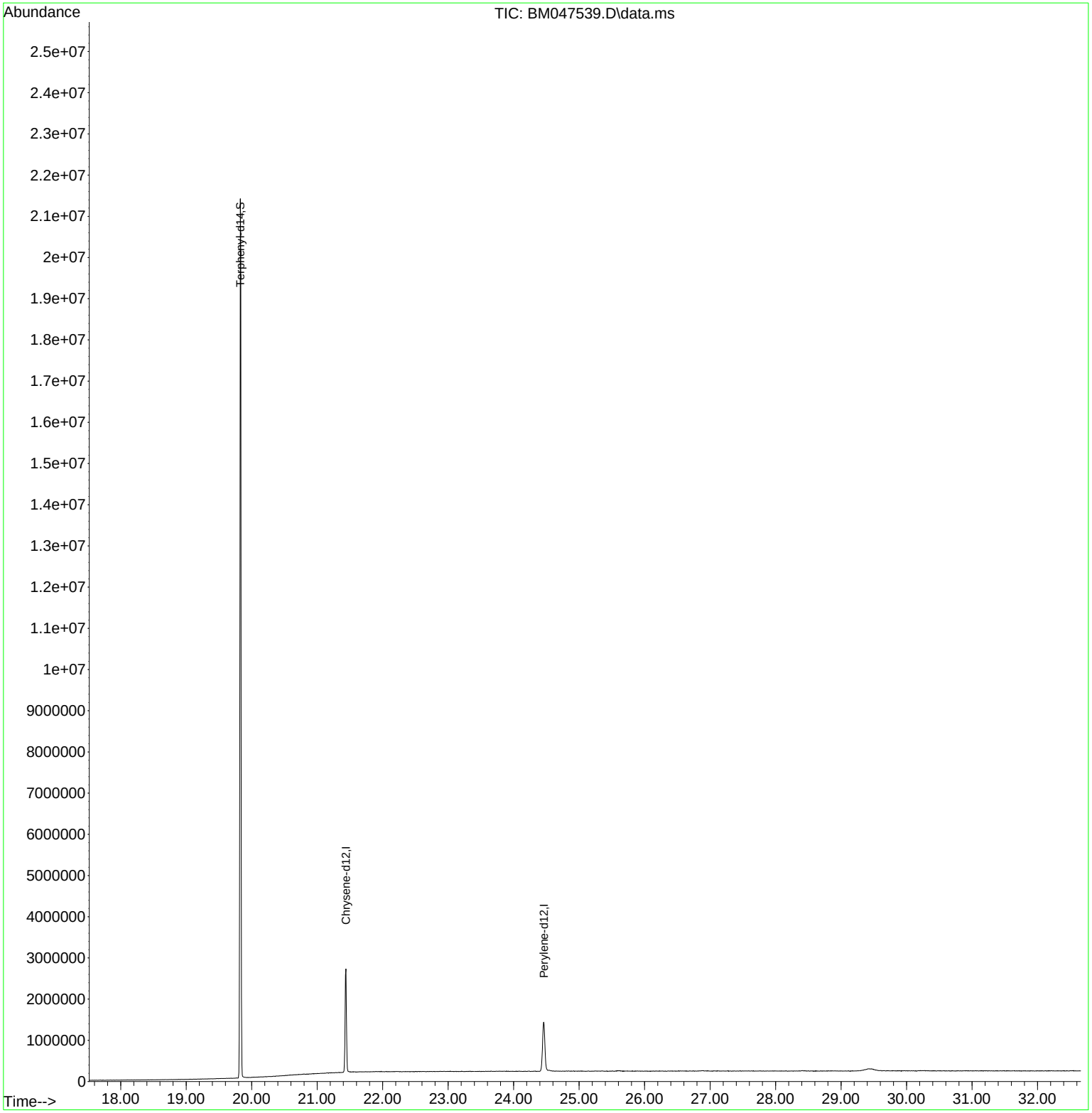
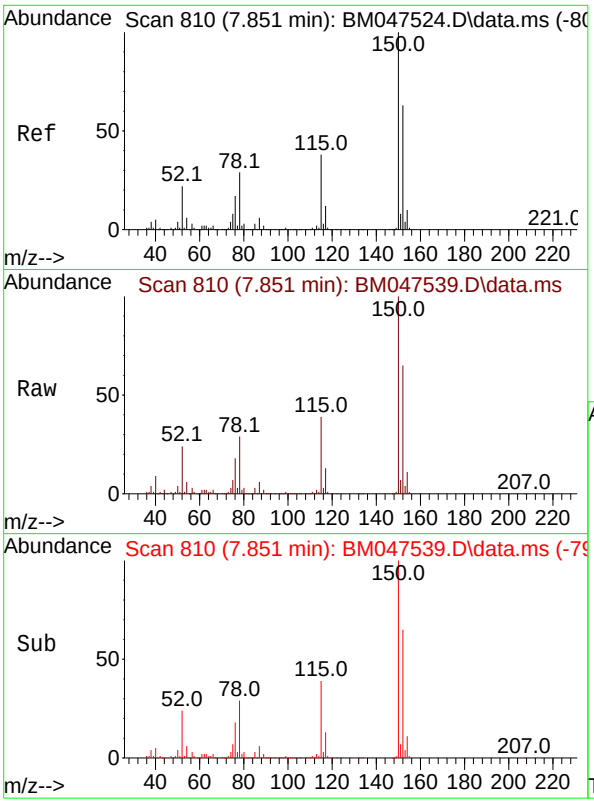


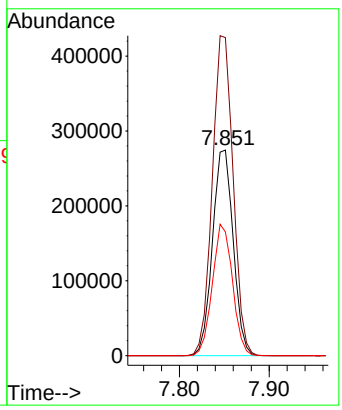


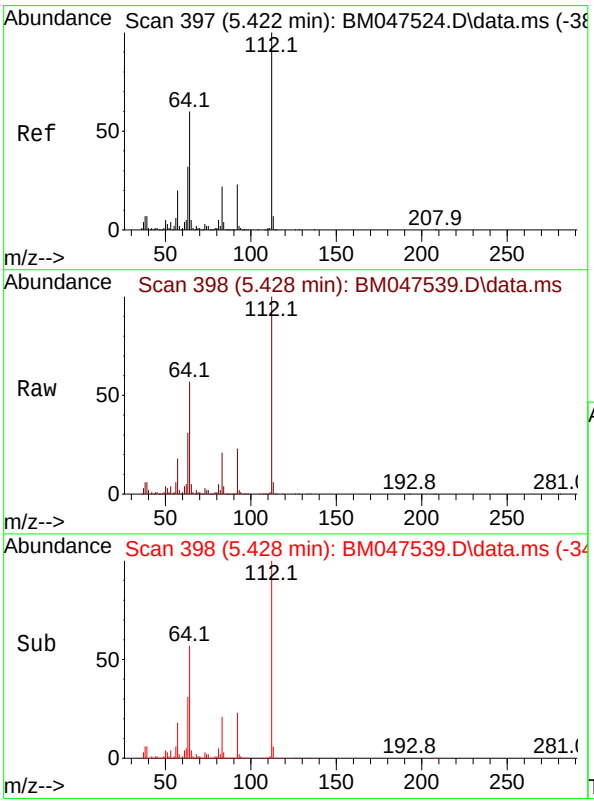
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Instrument :
BNA_M
ClientSampleId :
PB163109BL

Tgt Ion:152 Resp: 441001

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.8	190.2
115	60.2	47.8	71.8

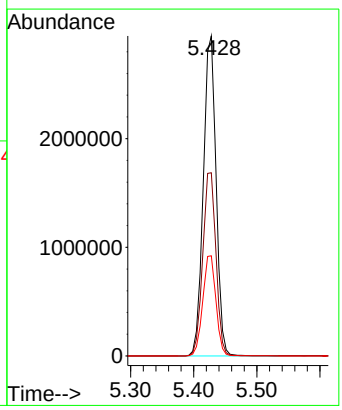


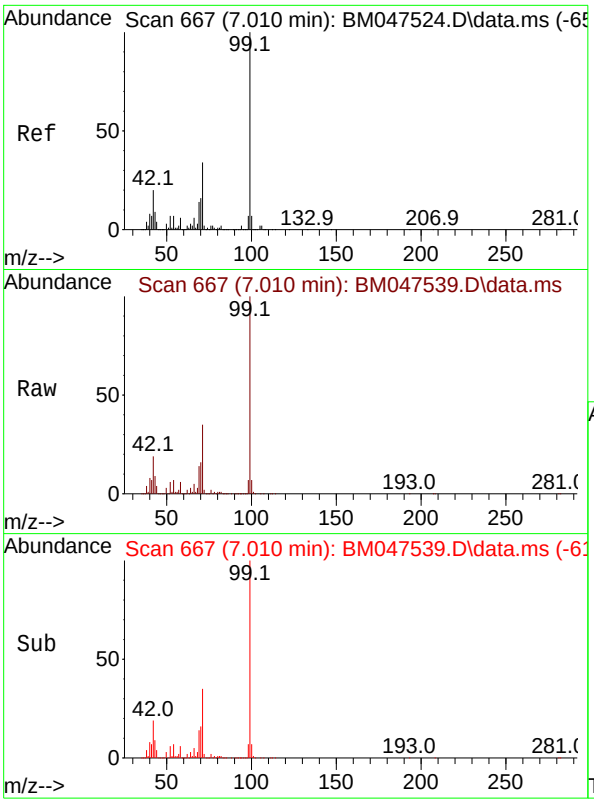


#5
2-Fluorophenol
Concen: 149.429 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Tgt Ion:112 Resp: 4138782

Ion	Ratio	Lower	Upper
112	100		
64	57.3	48.2	72.4
63	31.3	26.0	39.0



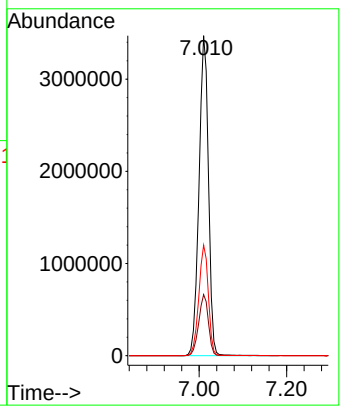


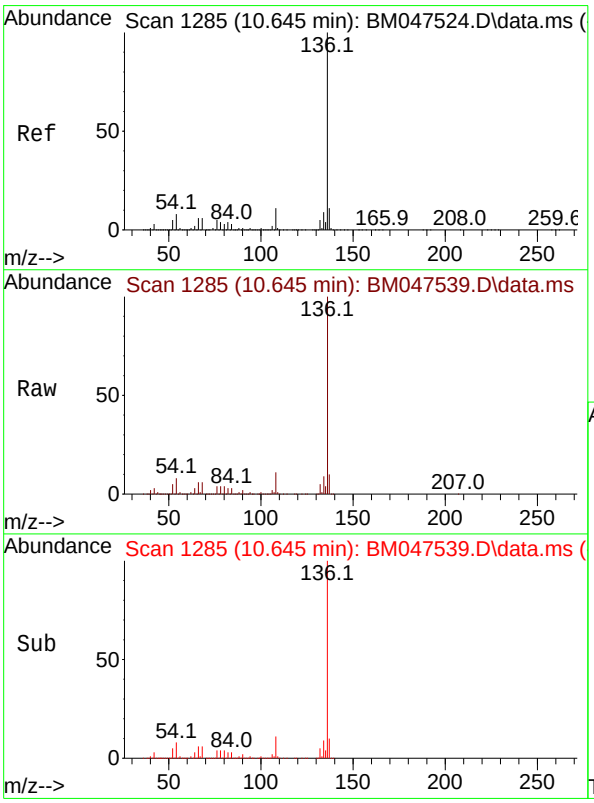
#7
Phenol-d6
Concen: 134.159 ng
RT: 7.010 min Scan# 6(
Delta R.T. 0.000 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Instrument :
BNA_M
ClientSampleId :
PB163109BL

Tgt Ion: 99 Resp: 5232947

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.8
71	34.6	27.6	41.4

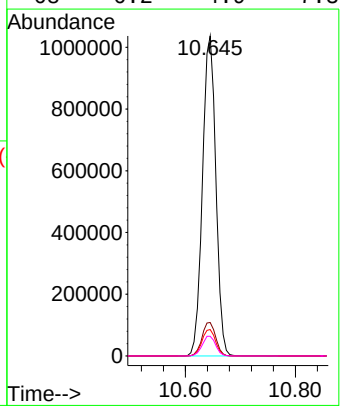


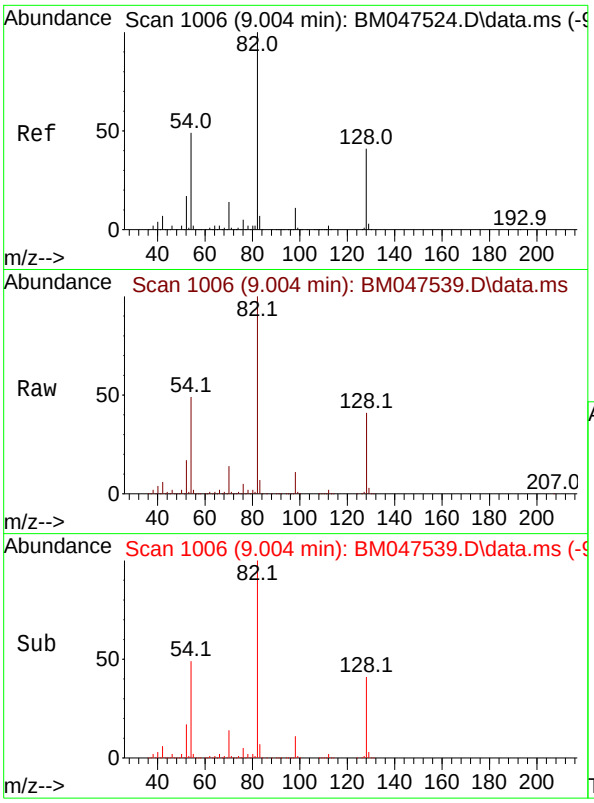


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Tgt Ion:136 Resp: 1746104

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.6
54	8.2	6.6	9.8
68	6.2	4.9	7.3



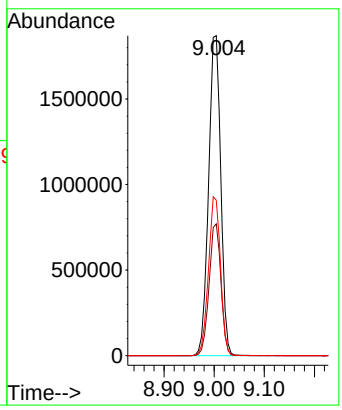


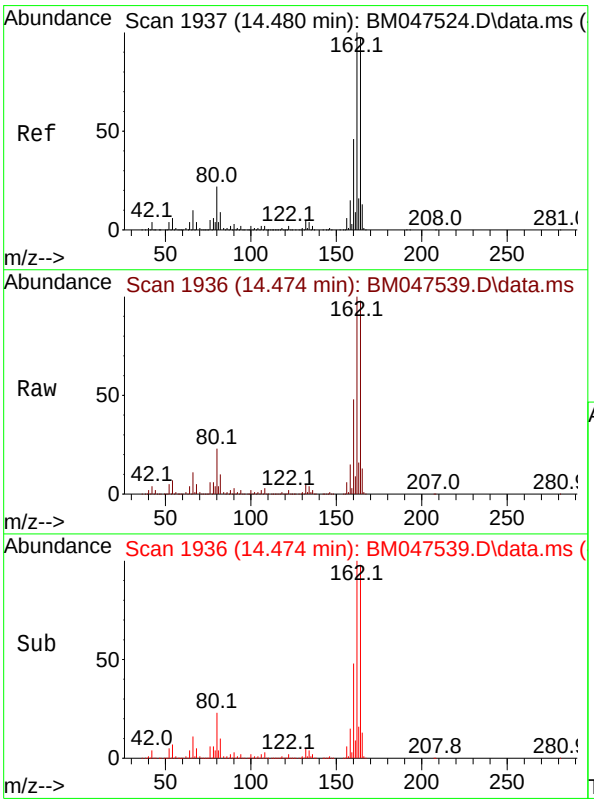
#23
Nitrobenzene-d5
Concen: 90.287 ng
RT: 9.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Instrument :
BNA_M
ClientSampleId :
PB163109BL

Tgt Ion: 82 Resp: 3150090

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	48.6	39.3	58.9

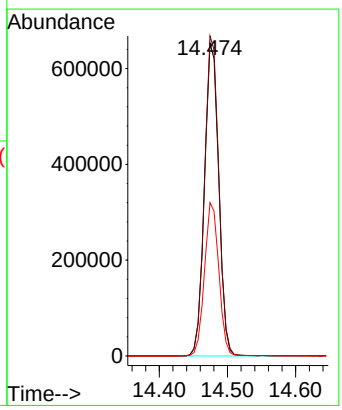


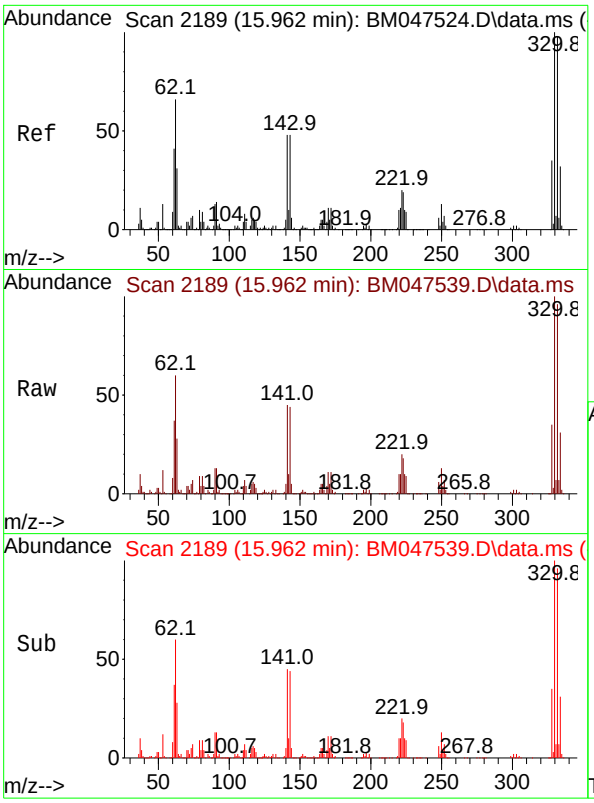


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Tgt Ion:164 Resp: 950653

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	49.0	38.2	57.2



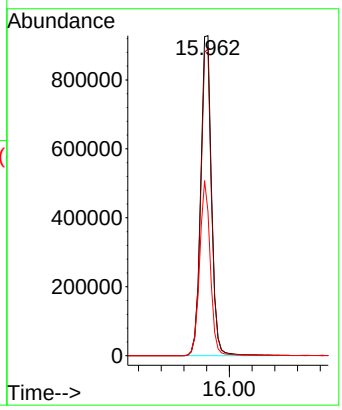


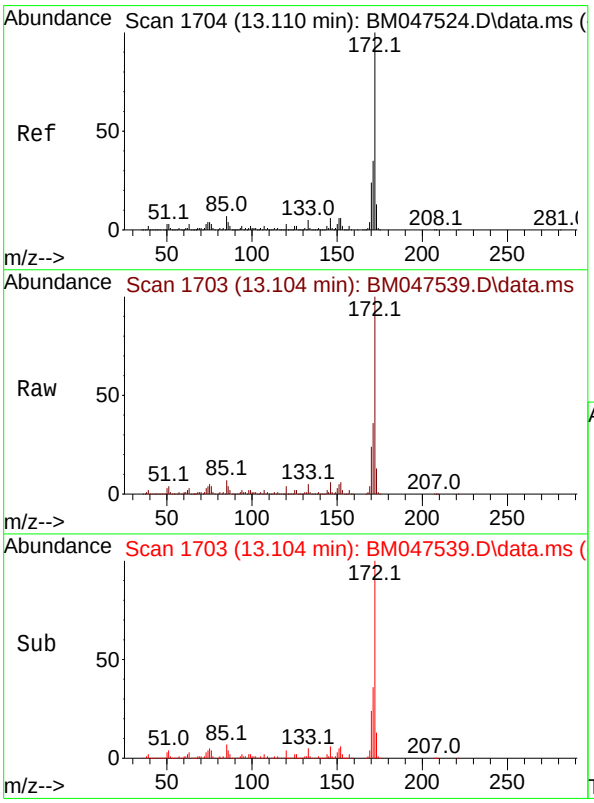
#42
2,4,6-Tribromophenol
Concen: 133.157 ng
RT: 15.962 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Instrument :
BNA_M
ClientSampleId :
PB163109BL

Tgt Ion:330 Resp: 1223566

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	54.3	42.2	63.2

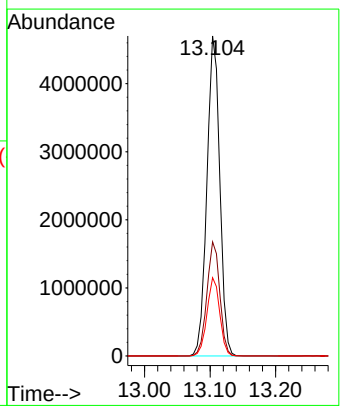


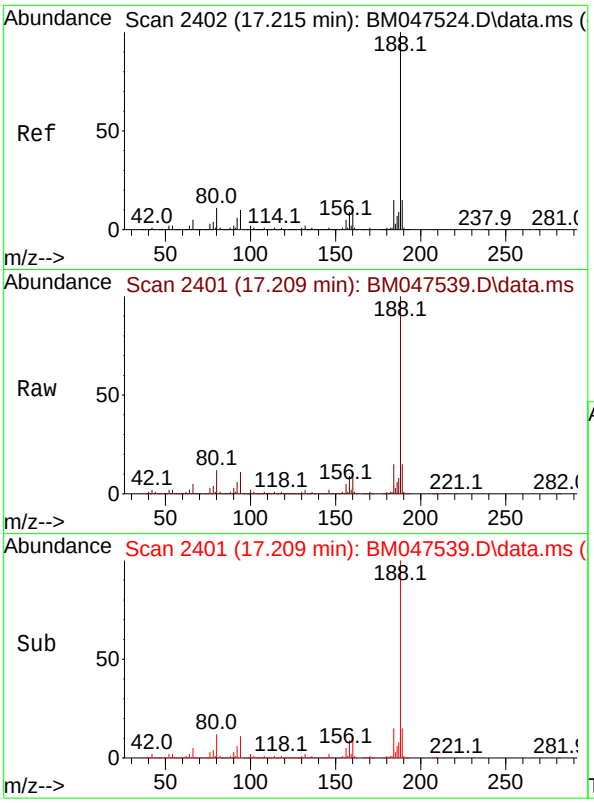


#45
2-Fluorobiphenyl
Concen: 93.079 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Tgt Ion:172 Resp: 6423567

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	24.5	19.4	29.0



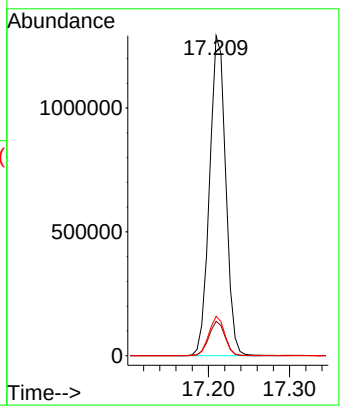


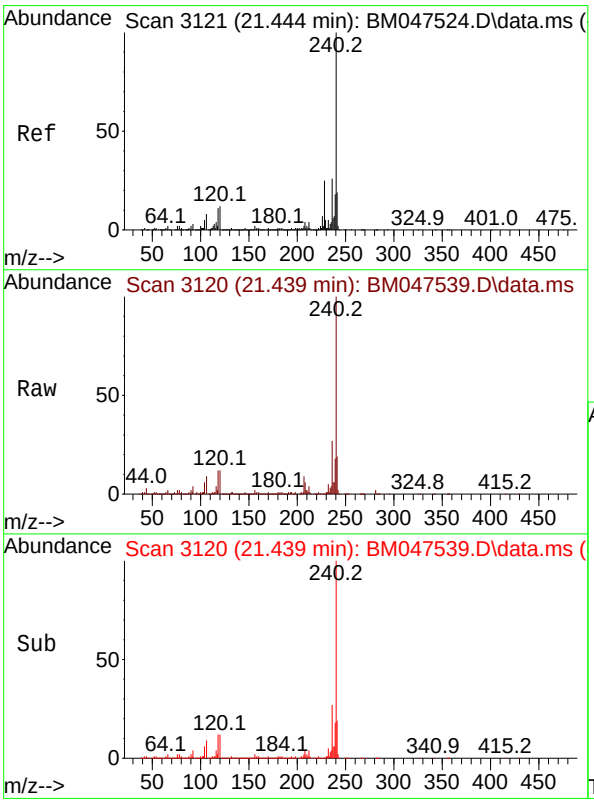
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Instrument :
BNA_M
ClientSampleId :
PB163109BL

Tgt Ion:188 Resp: 1785434

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	12.3	9.1	13.7

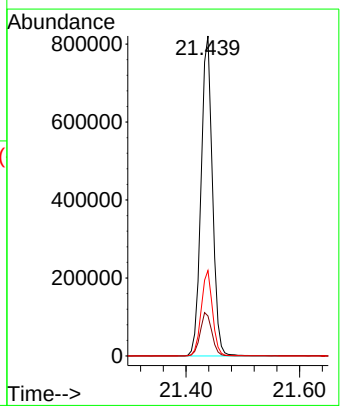


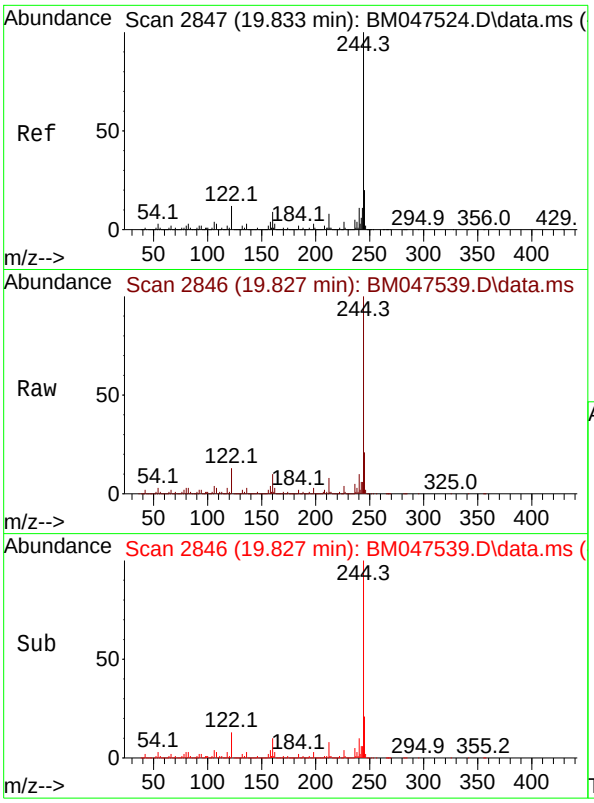


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.005 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Tgt Ion:240 Resp: 1140059

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.6	14.4
236	26.7	20.9	31.3



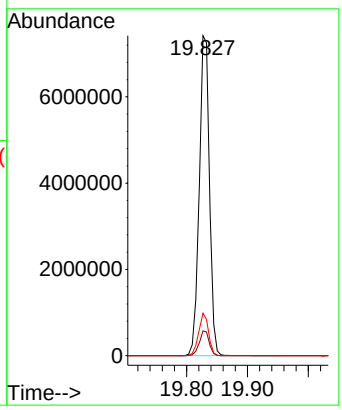


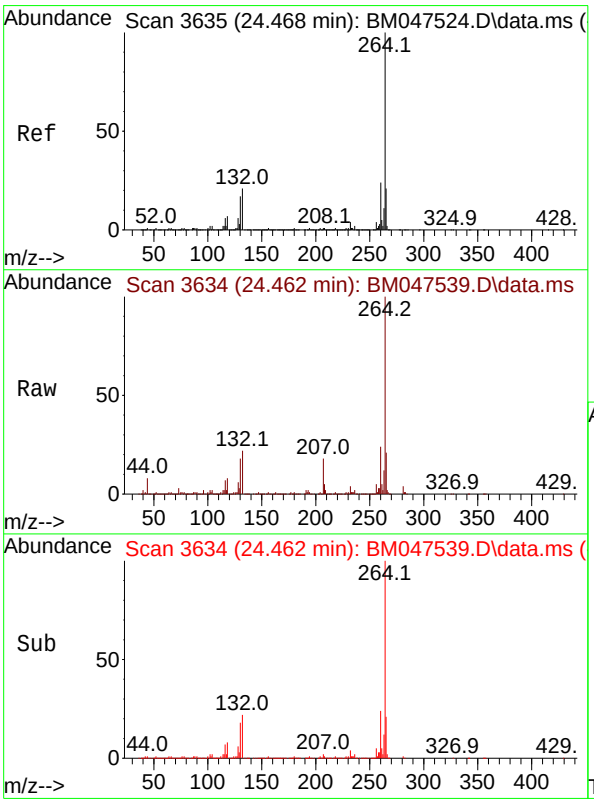
#79
Terphenyl-d14
Concen: 135.694 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Instrument :
BNA_M
ClientSampleId :
PB163109BL

Tgt Ion:244 Resp: 8633056

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.3	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3634
Delta R.T. -0.006 min
Lab File: BM047539.D
Acq: 17 Sep 2024 09:27

Tgt Ion:264 Resp: 990611

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.3	17.4	26.2