Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047298.D
Acq On : 21 Aug 2024 15:06
Operator : RC/JU
Sample : P3596-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Quant Time: Aug 21 15:54:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.352	152	190222	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	707486	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	485993	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1096795	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1199656	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1267202	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.011	112	575347	54.045	ng	-0.01
7) Phenol-d6	6.569	99	482583	32.898	ng	-0.02
23) Nitrobenzene-d5	8.499	82	1016396	72.339	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	965595	171.352	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	2437748	77.373	ng	-0.02
79) Terphenyl-d14	19.451	244	5709708	101.984	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.534	77	703	Below Cal	#	38

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

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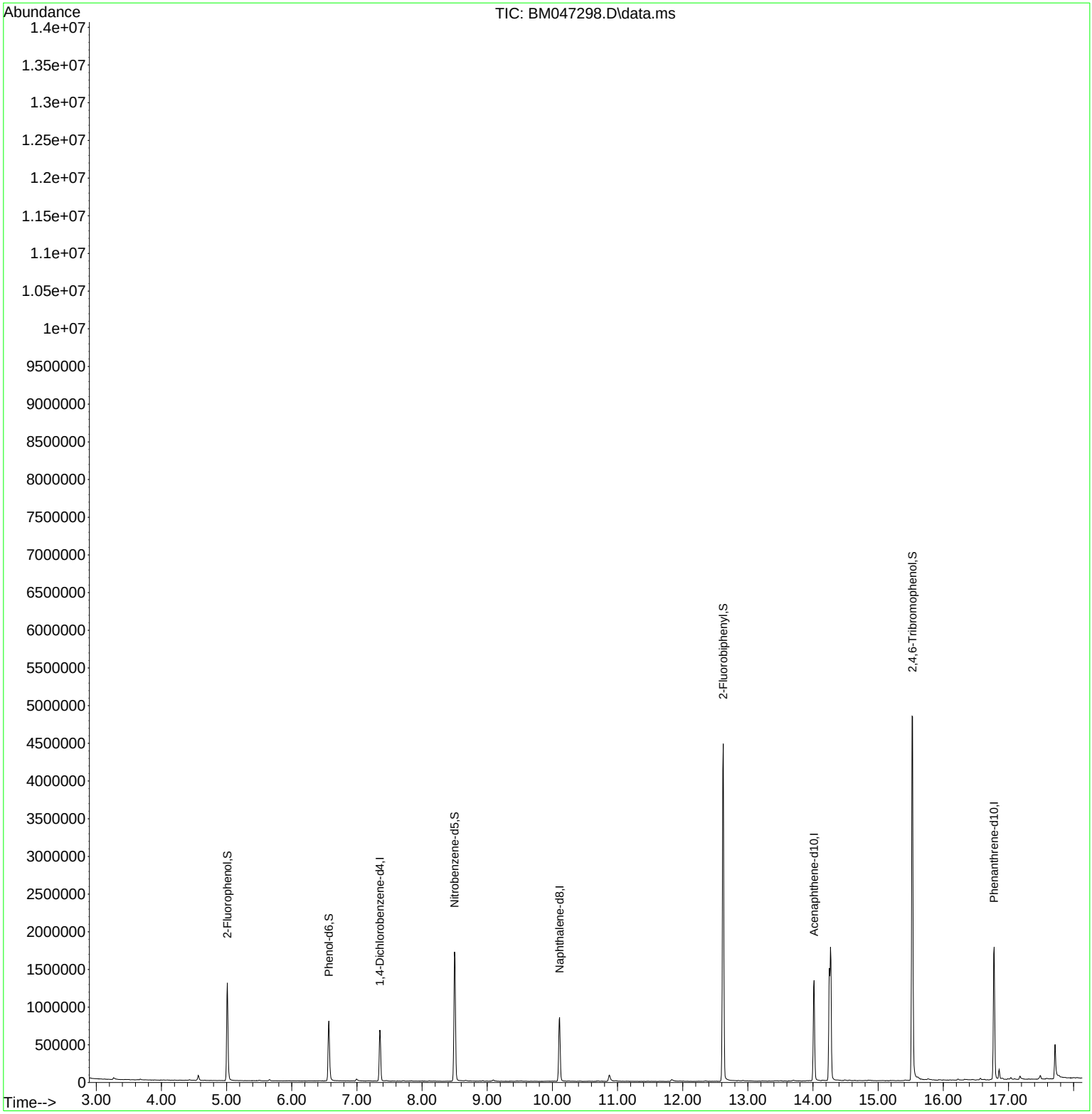

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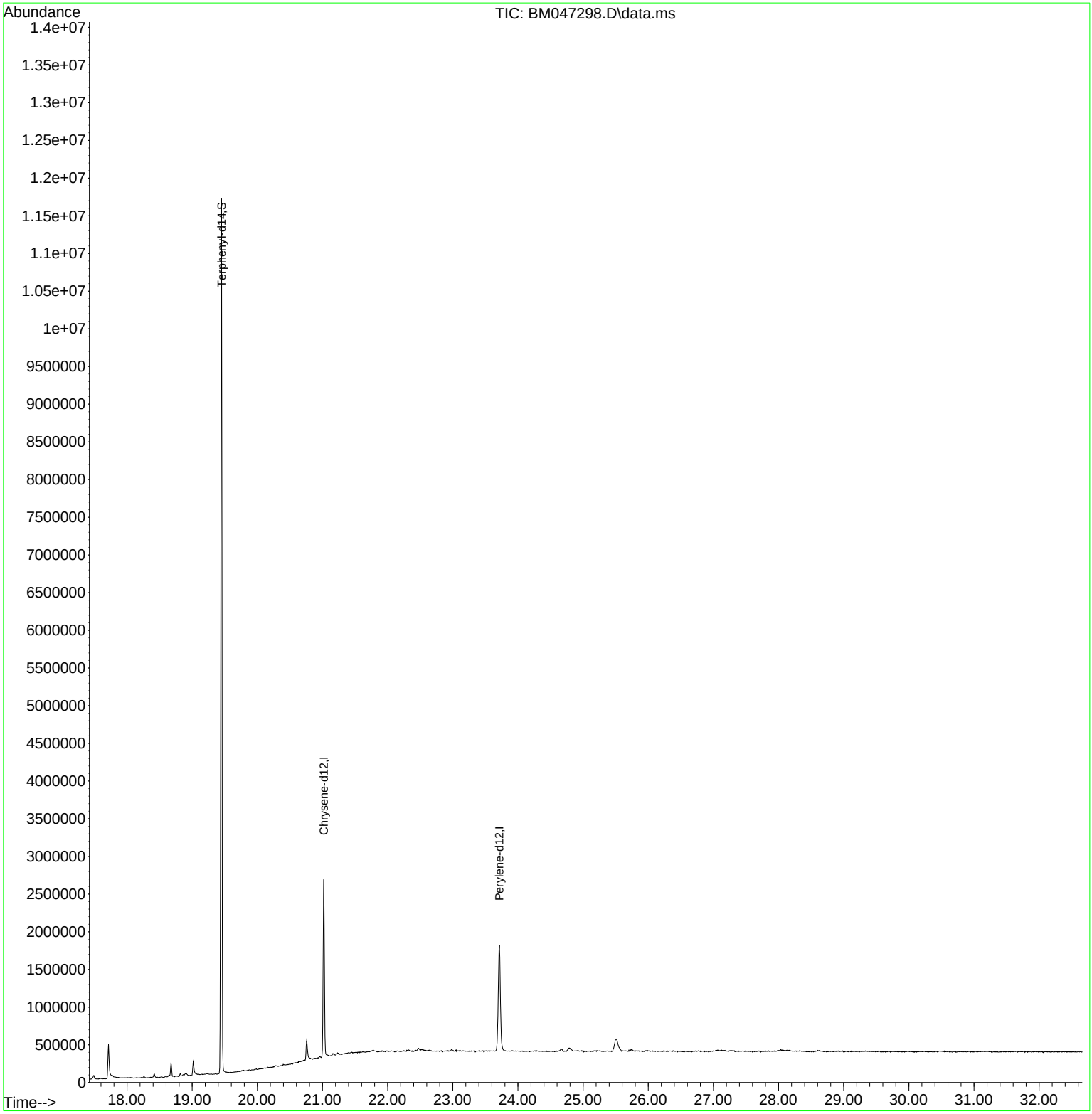
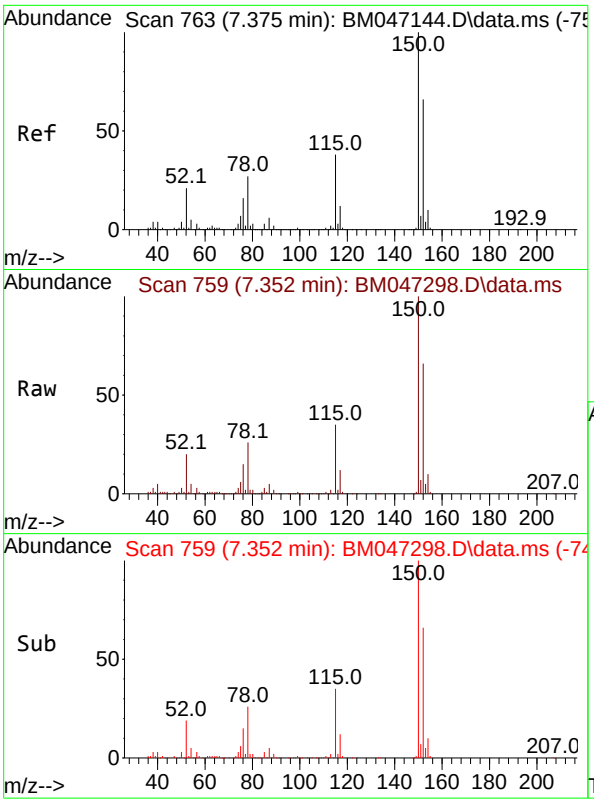


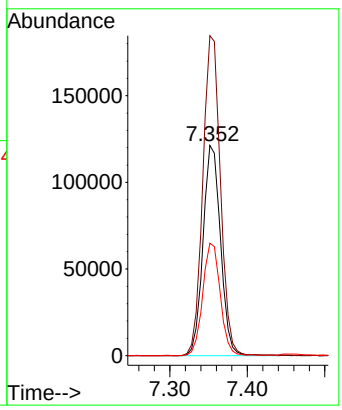


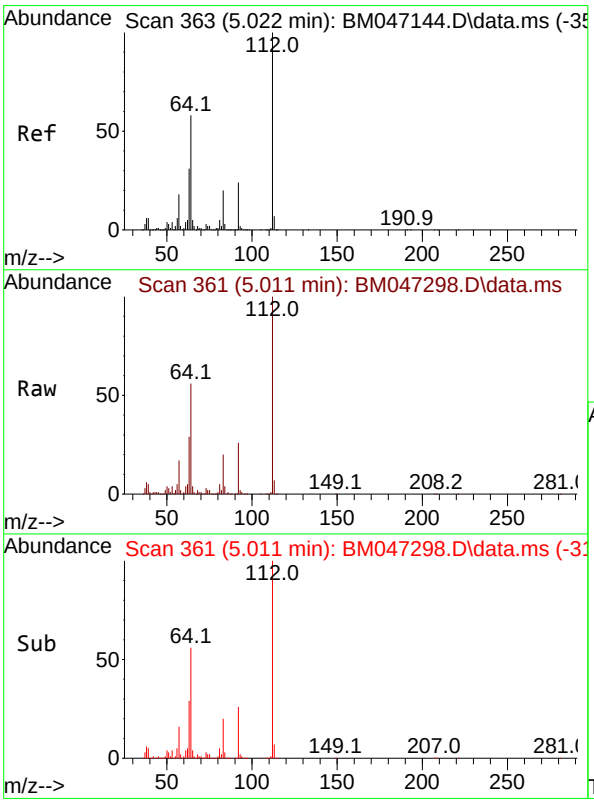
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.352 min Scan# 7
Delta R.T. -0.023 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Tgt Ion:152 Resp: 190222

Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.5	180.7
115	53.5	45.5	68.3

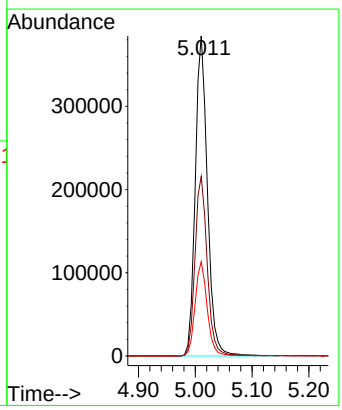


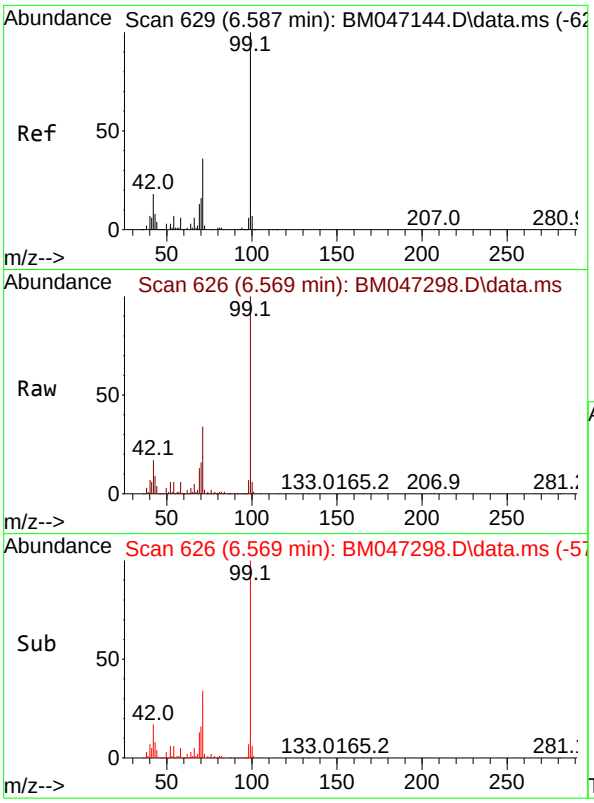


#5
2-Fluorophenol
Concen: 54.045 ng
RT: 5.011 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion:112 Resp: 575347

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.7	70.1
63	29.5	24.8	37.2



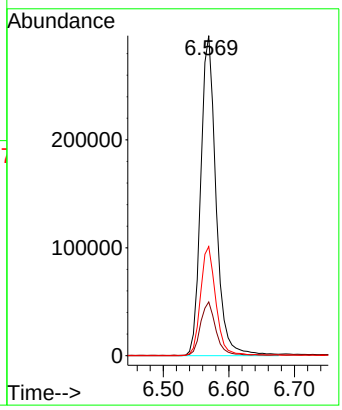


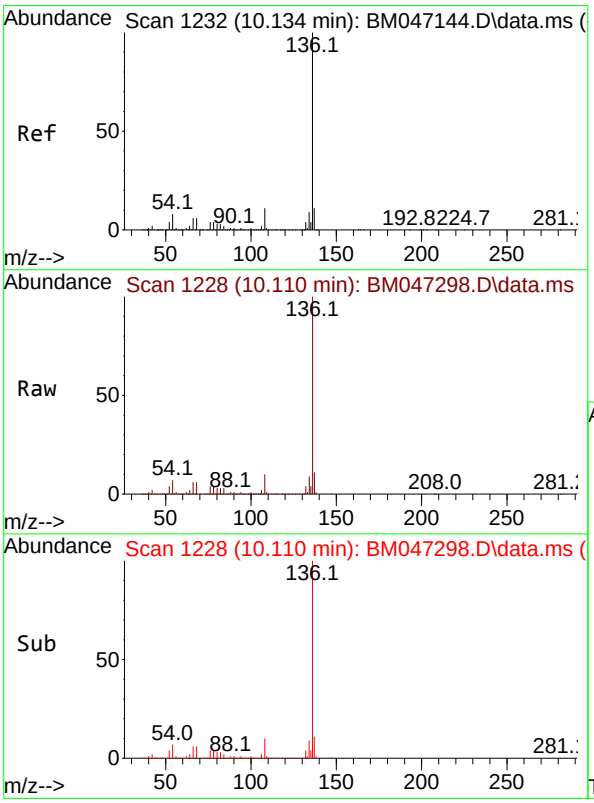
#7
Phenol-d6
Concen: 32.898 ng
RT: 6.569 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Tgt Ion: 99 Resp: 482583

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.1	21.1
71	34.1	28.5	42.7

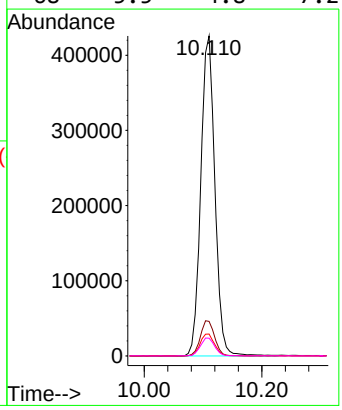


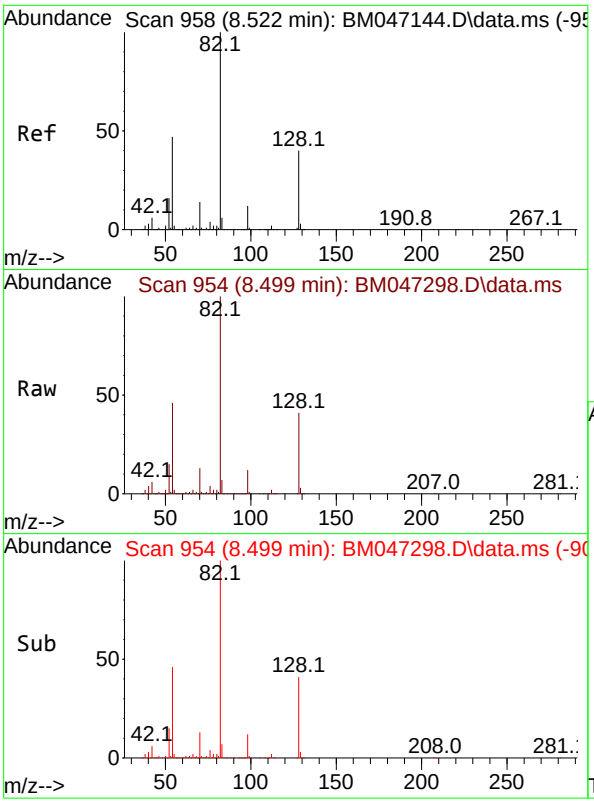


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.023 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion:136 Resp: 707486

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	6.0	9.0
68	5.5	4.8	7.2



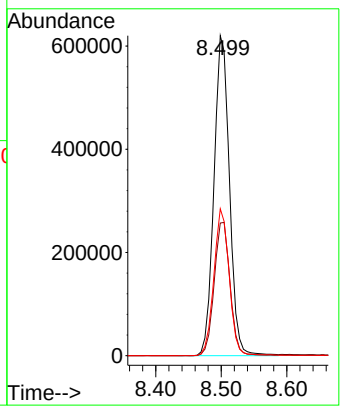


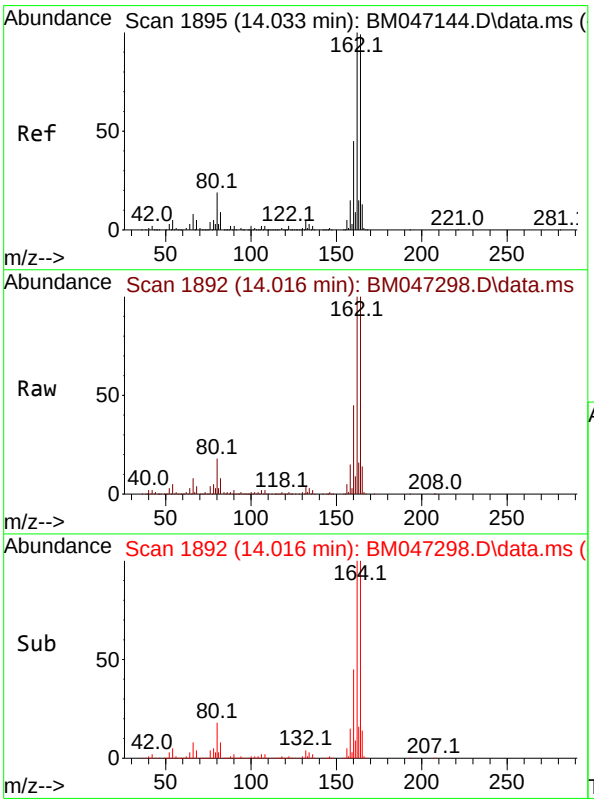
#23
Nitrobenzene-d5
Concen: 72.339 ng
RT: 8.499 min Scan# 9
Delta R.T. -0.023 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Tgt Ion: 82 Resp: 1016396

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.3	48.5
54	45.9	37.4	56.2

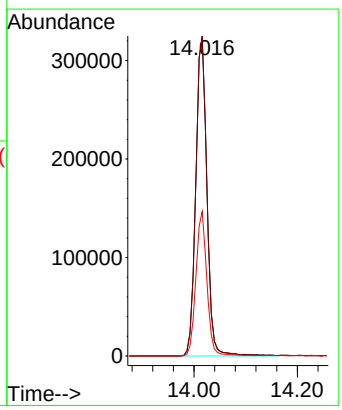


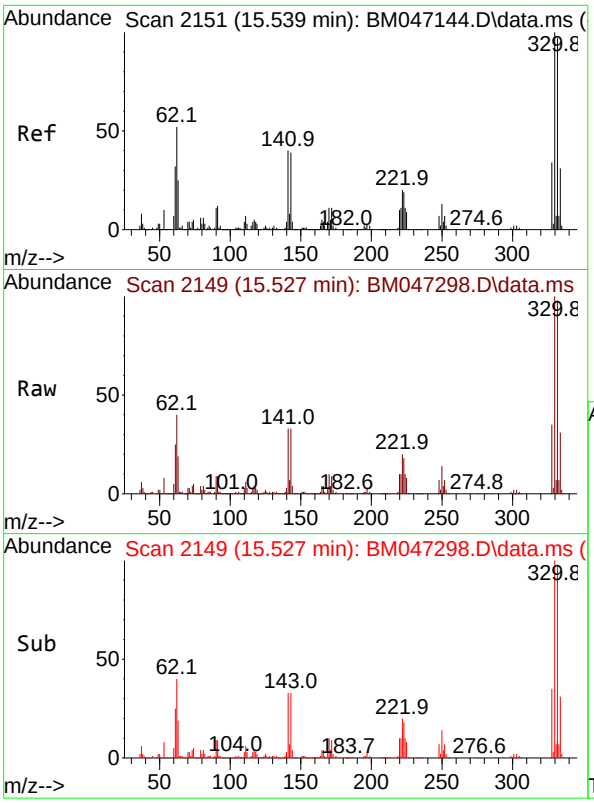


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion:164 Resp: 485993

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.7	121.1
160	45.3	36.0	54.0



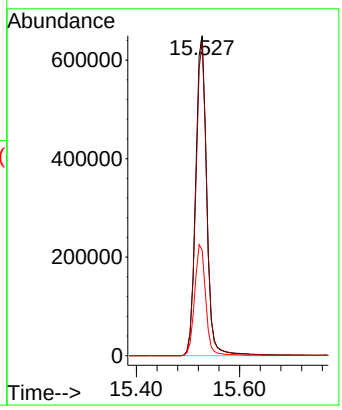


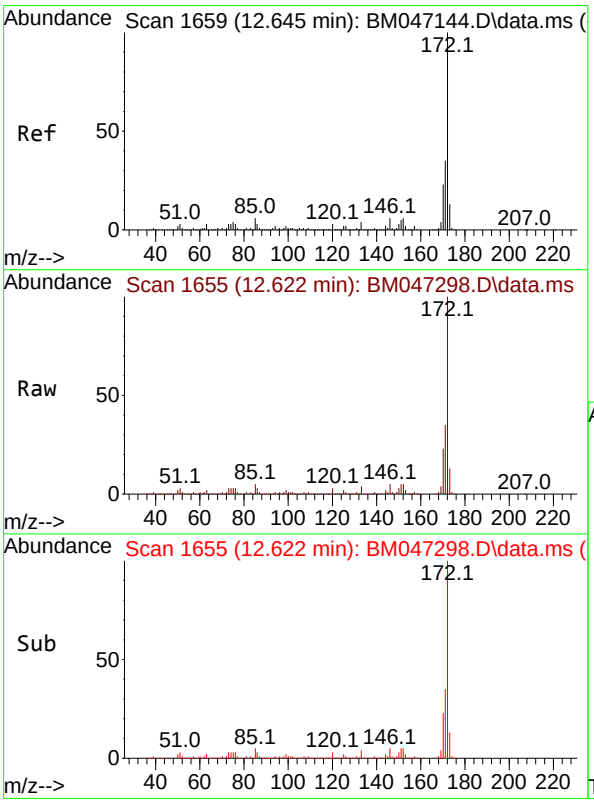
#42
2,4,6-Tribromophenol
Concen: 171.352 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Tgt Ion:330 Resp: 965595

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	34.9	31.6	47.4

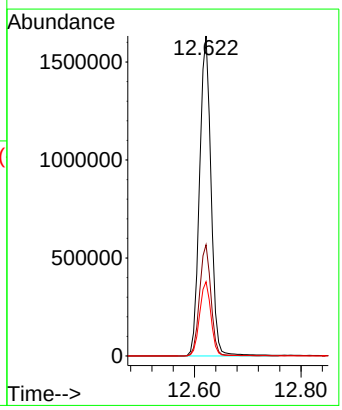


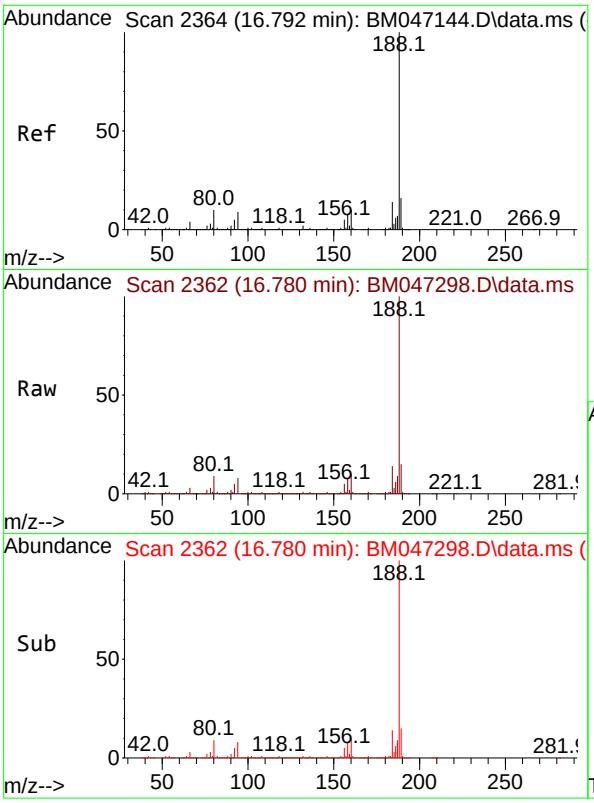


#45
2-Fluorobiphenyl
Concen: 77.373 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion:172 Resp: 2437748

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.2	18.7	28.1



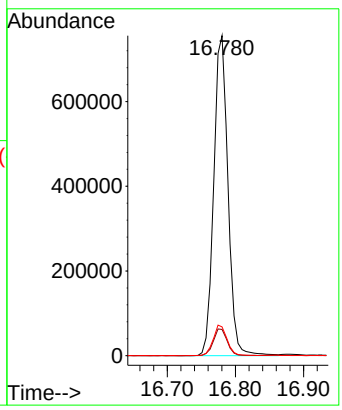


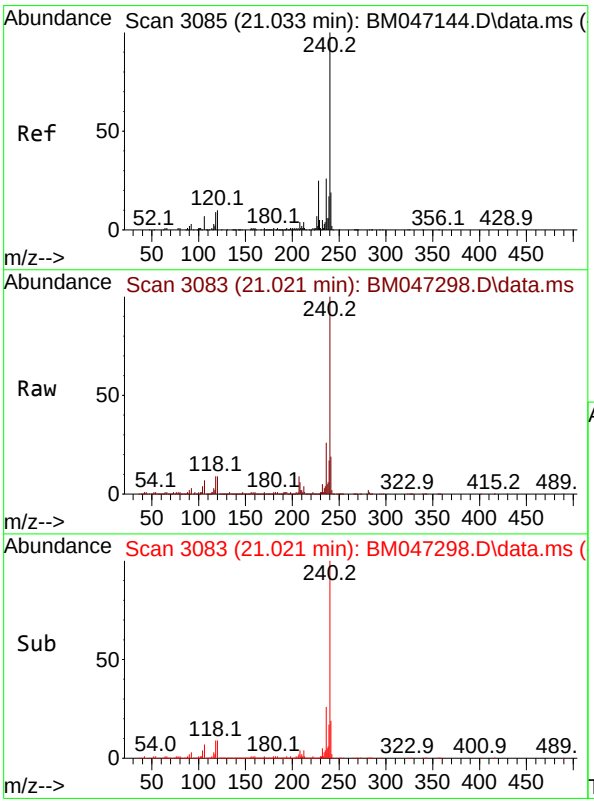
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Tgt Ion:188 Resp: 1096795

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.6
80	9.0	8.0	12.0

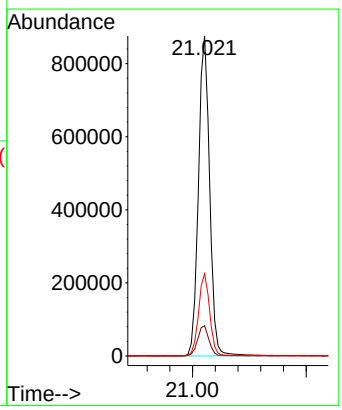


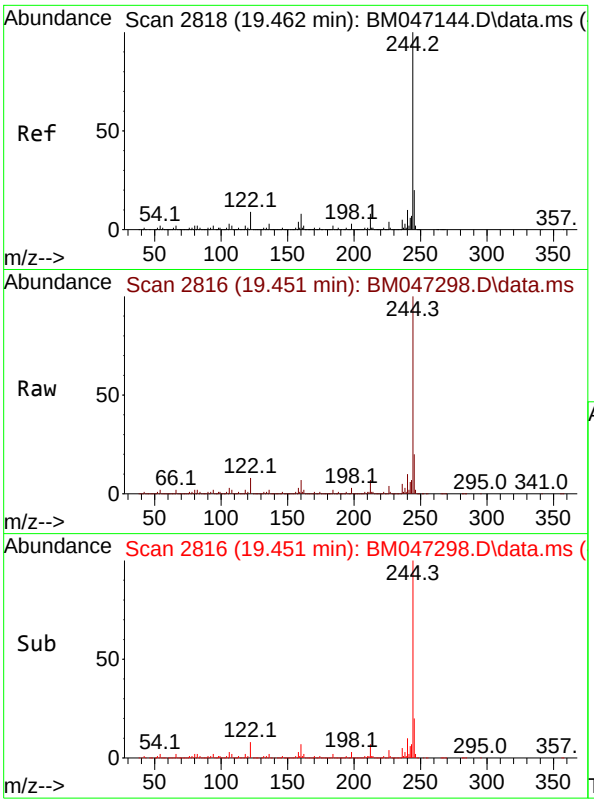


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion:240 Resp: 1199656

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.7	20.6	30.8



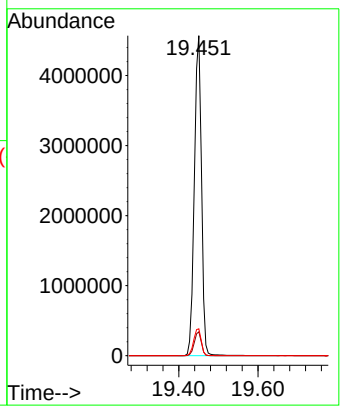


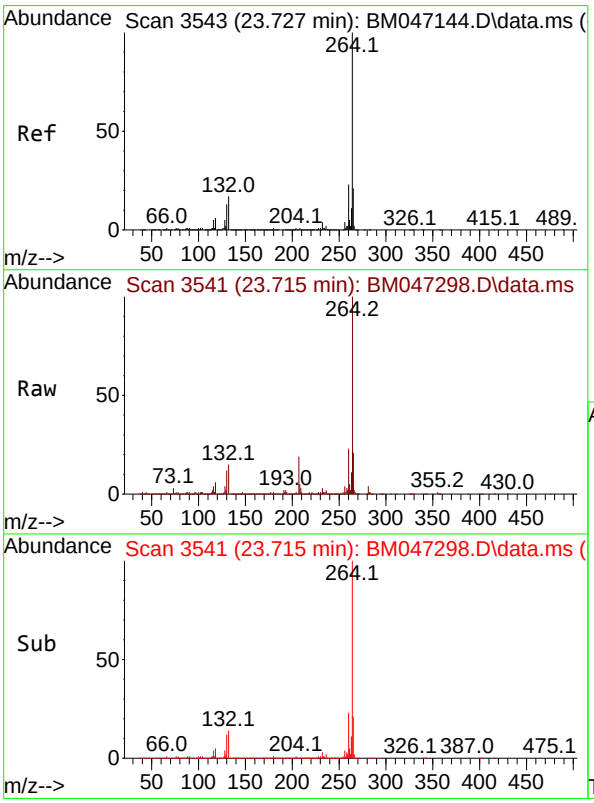
#79
Terphenyl-d14
Concen: 101.984 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Instrument :
BNA_M
ClientSampleId :
918-J-WS-081324-FD

Tgt Ion:244 Resp: 5709708

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.4
122	8.4	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BM047298.D
Acq: 21 Aug 2024 15:06

Tgt Ion:264 Resp: 1267202

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.5	17.3	25.9