Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
Data File : BM047218.D
Acq On : 15 Aug 2024 16:52
Operator : RC/JU
Sample : P3518-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Quant Time: Aug 15 18:08:34 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	7.363	152	295298	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1050831	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	616425	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1186484	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1004488	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1141754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	867445	52.489	ng	0.00
7) Phenol-d6	6.575	99	1084332	47.617	ng	-0.01
23) Nitrobenzene-d5	8.510	82	736807	35.306	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	360296	50.408	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1227064	30.706	ng	-0.01
79) Terphenyl-d14	19.451	244	1335906	28.497	ng	-0.01
Target Compounds						Qvalue

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

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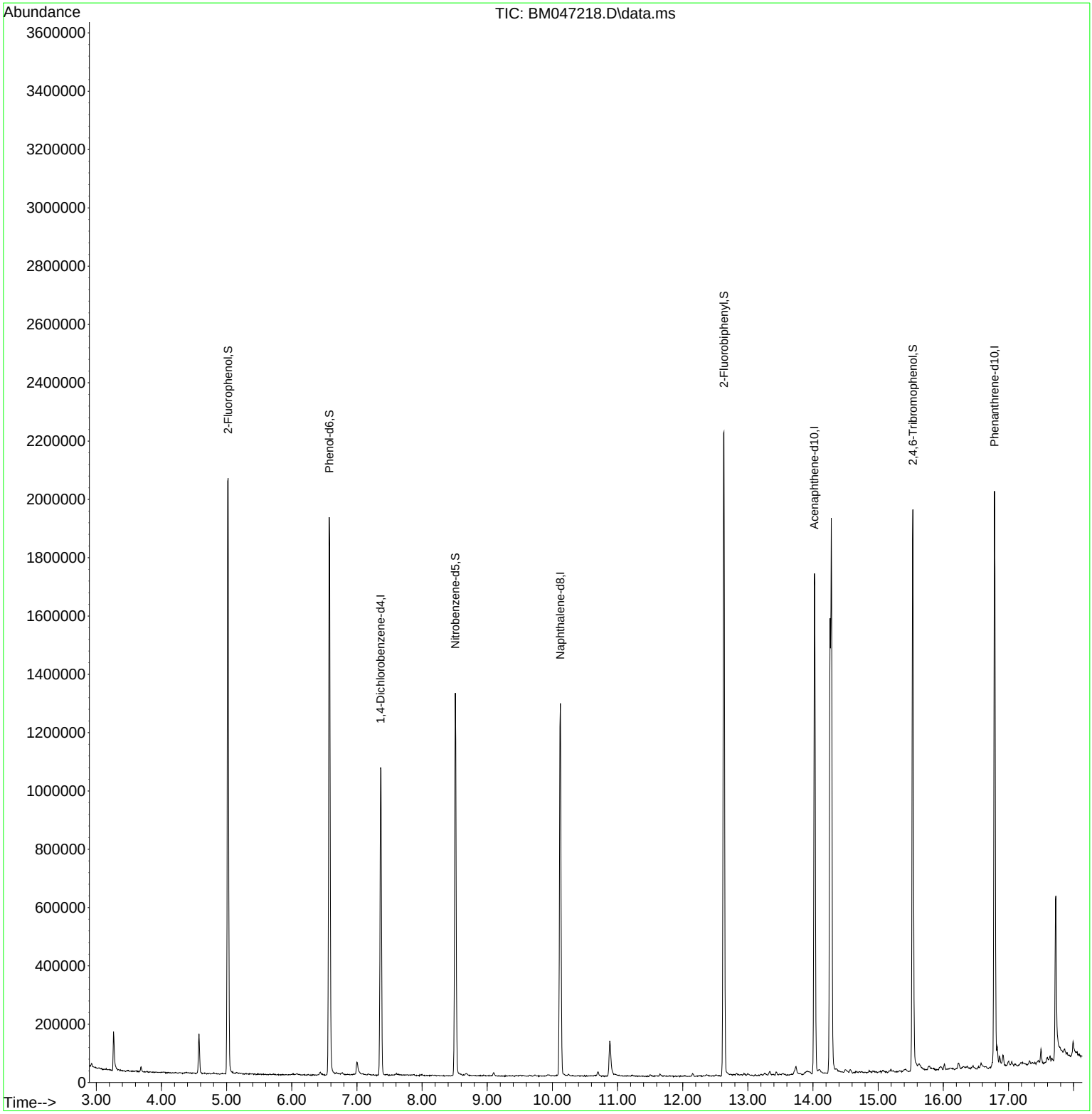

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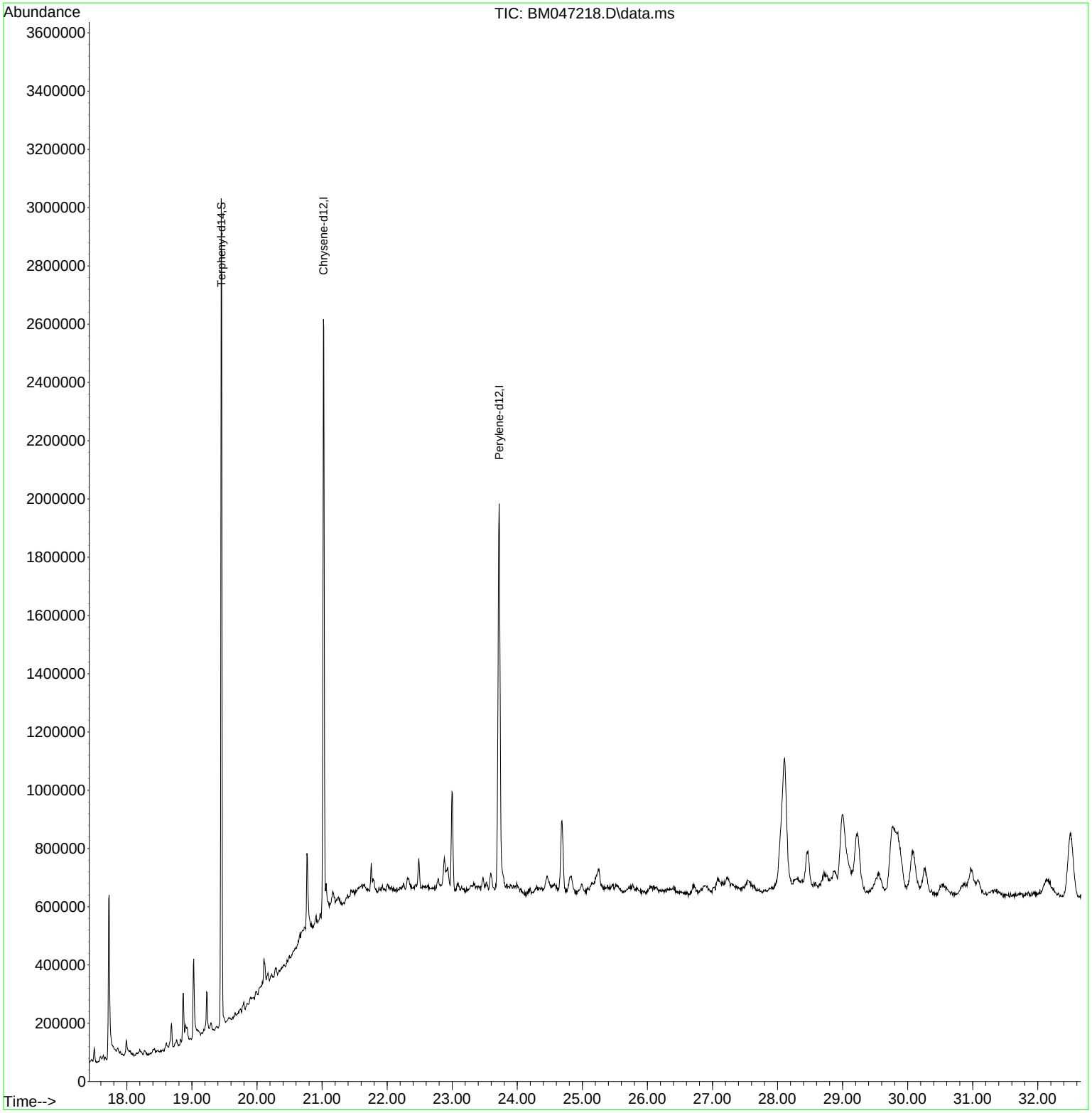
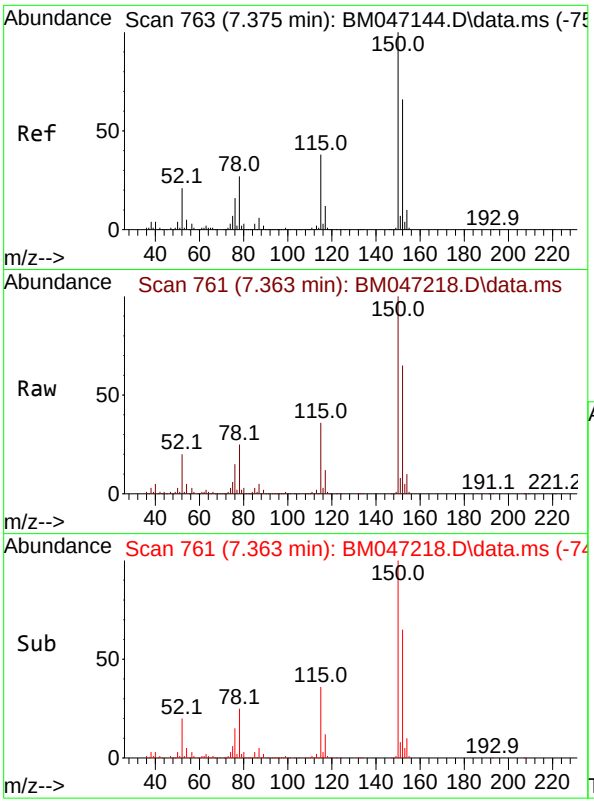


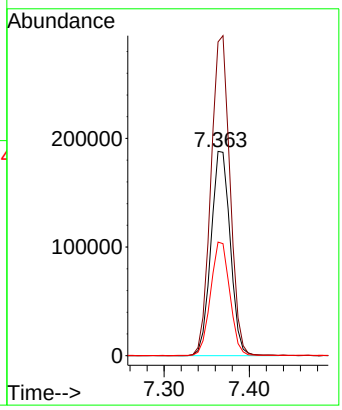


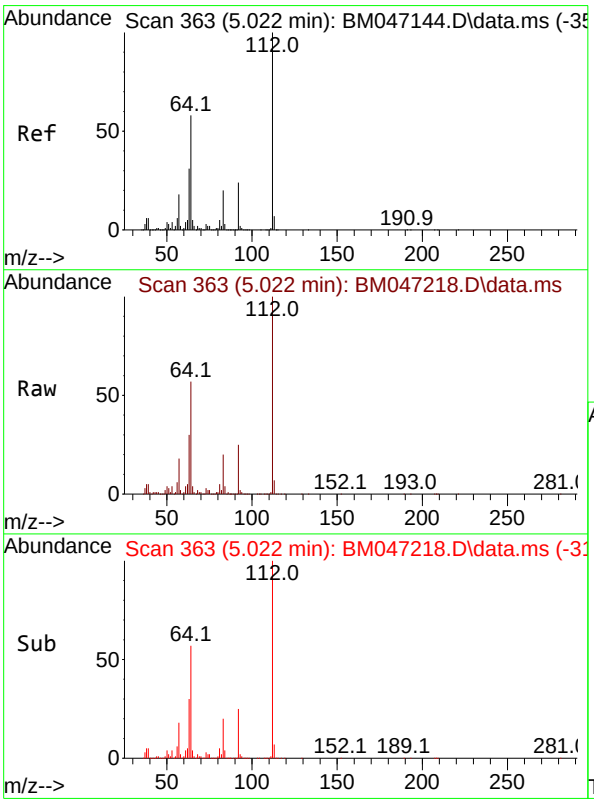
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 7(
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Tgt Ion:152 Resp: 295298

Ion	Ratio	Lower	Upper
152	100		
150	153.6	120.5	180.7
115	55.6	45.5	68.3

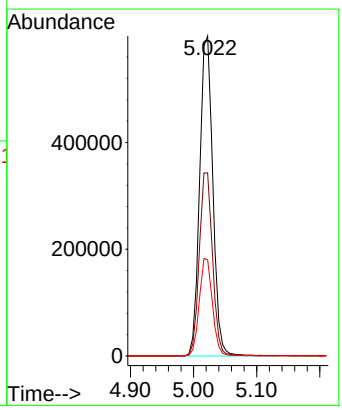


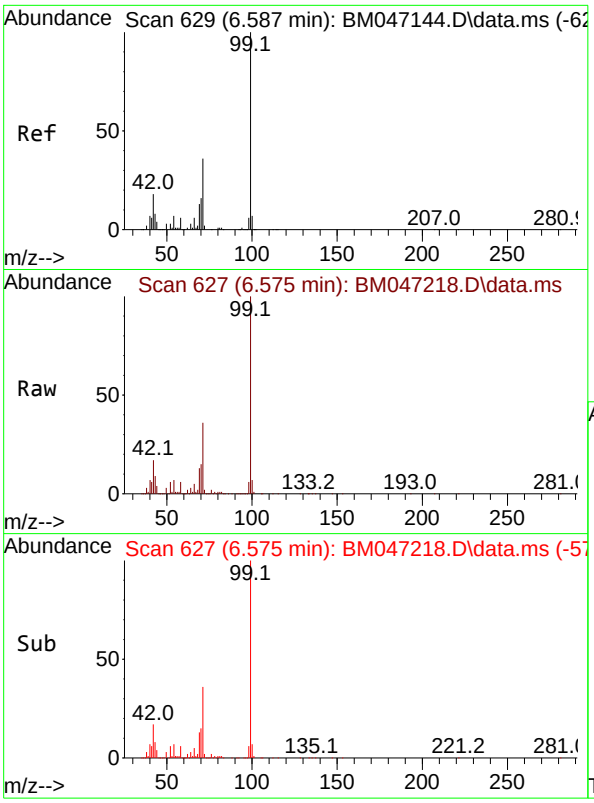


#5
2-Fluorophenol
Concen: 52.489 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion:112 Resp: 867445

Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.7	70.1
63	30.0	24.8	37.2



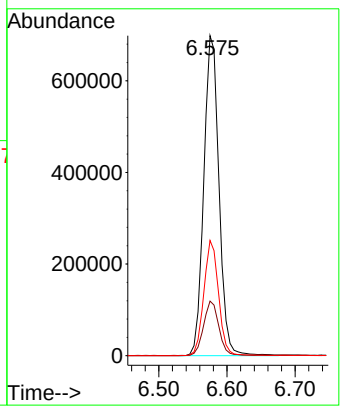


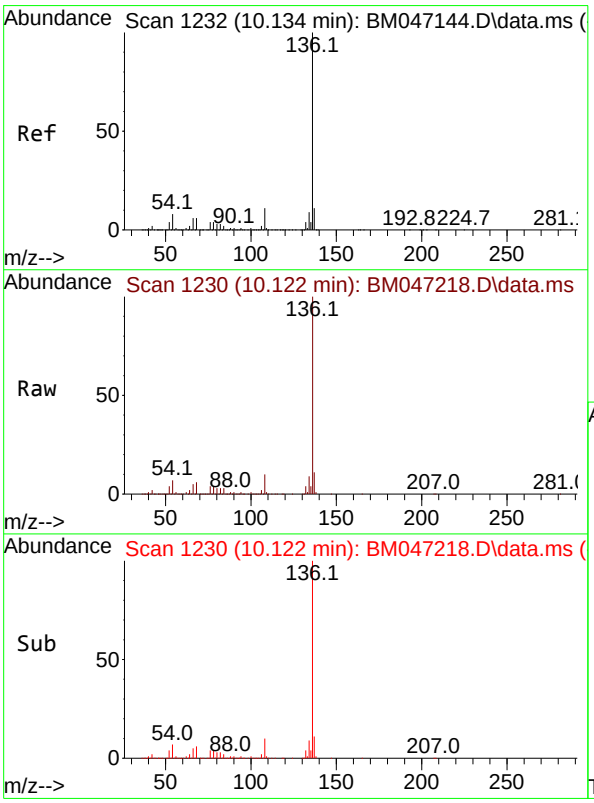
#7
Phenol-d6
Concen: 47.617 ng
RT: 6.575 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Tgt Ion: 99 Resp: 1084332

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	36.0	28.5	42.7

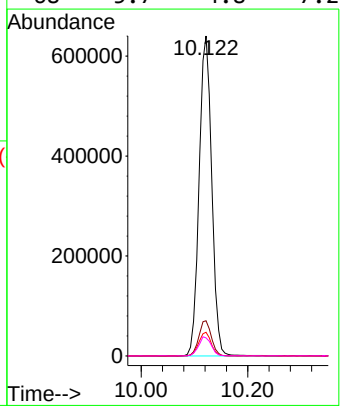


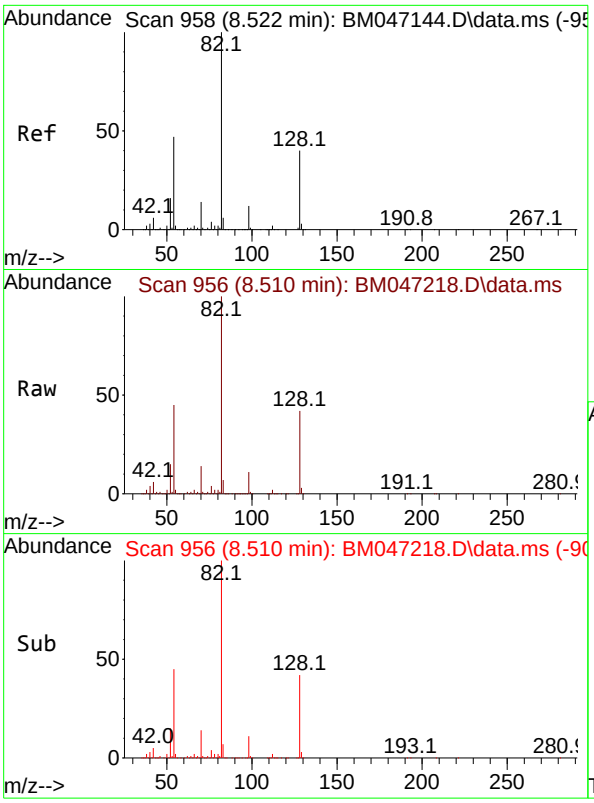


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion:136 Resp: 1050831

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	6.0	9.0
68	5.7	4.8	7.2



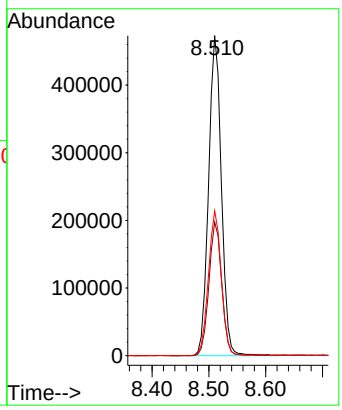


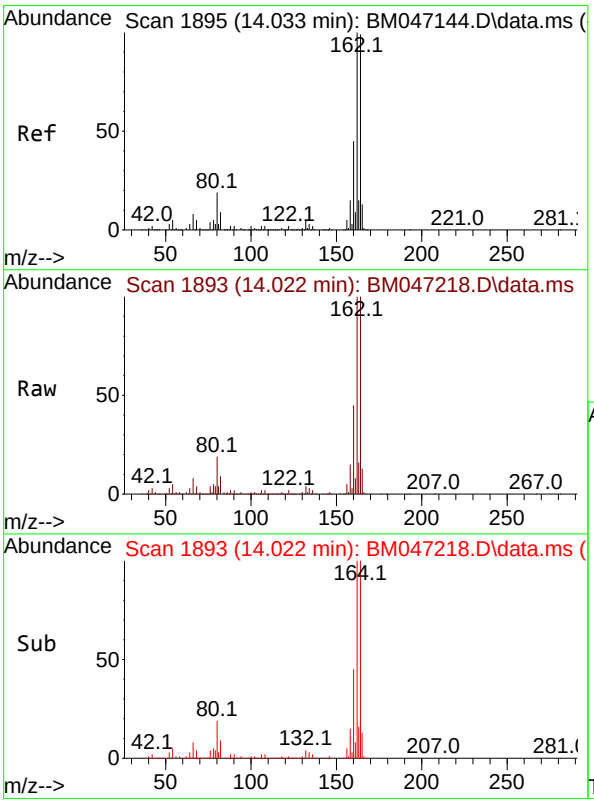
#23
Nitrobenzene-d5
Concen: 35.306 ng
RT: 8.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Tgt Ion: 82 Resp: 736807

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.3	48.5
54	45.2	37.4	56.2

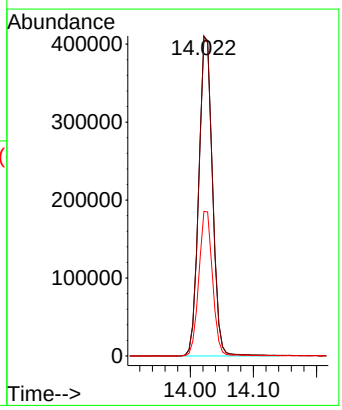


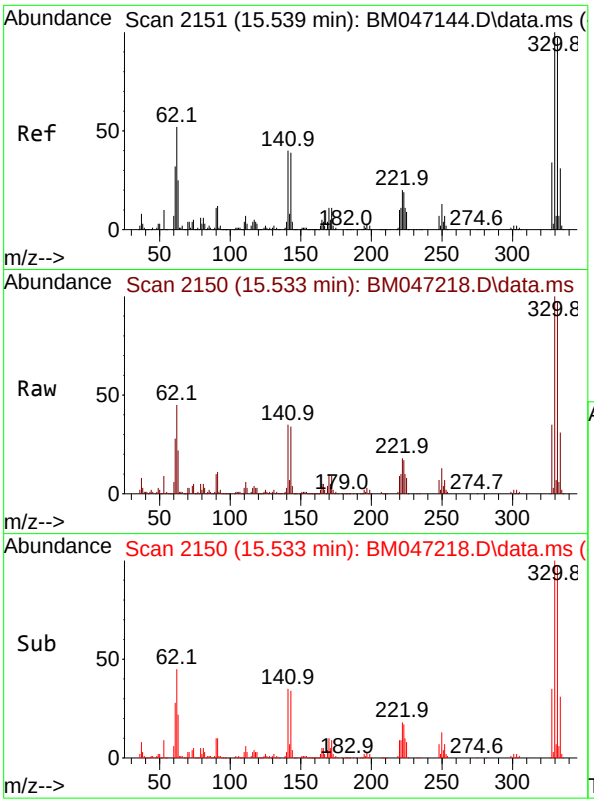


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion:164 Resp: 616425

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.7	121.1
160	45.3	36.0	54.0



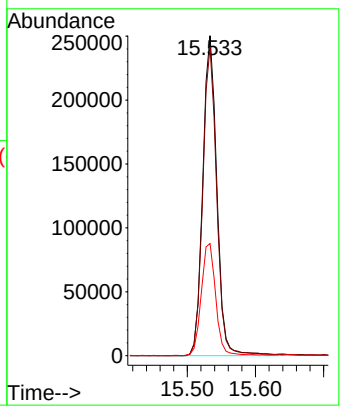


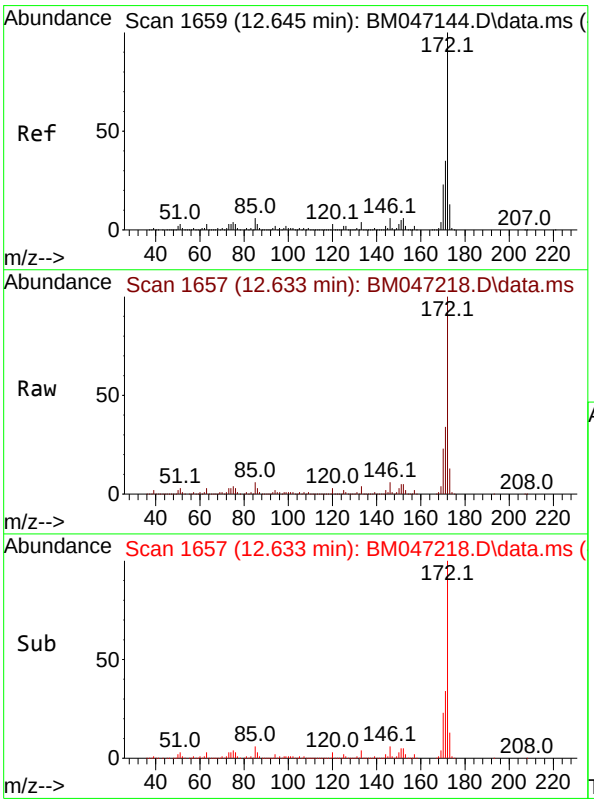
#42
2,4,6-Tribromophenol
Concen: 50.408 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Tgt Ion:330 Resp: 360296

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	36.3	31.6	47.4

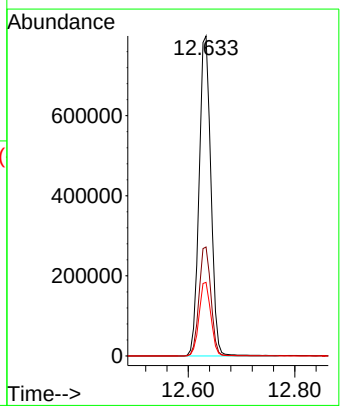


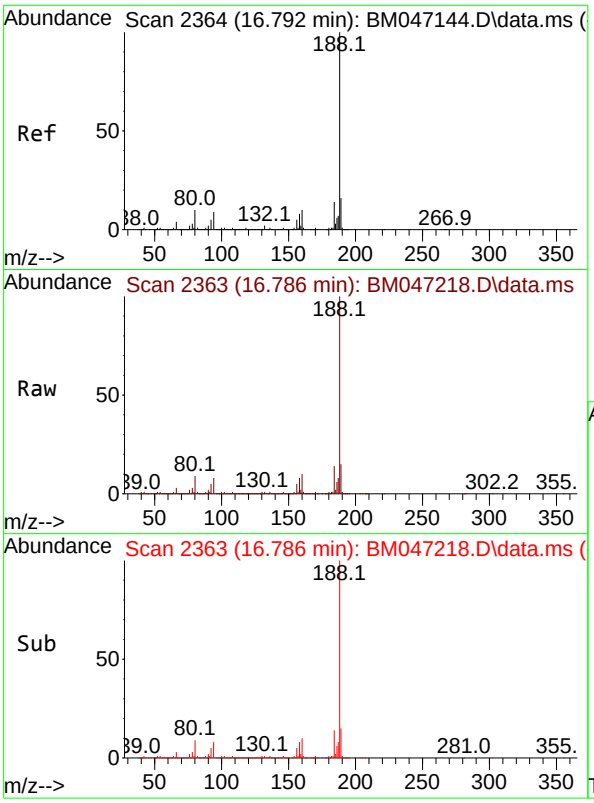


#45
2-Fluorobiphenyl
Concen: 30.706 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion:172 Resp: 1227064

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	23.0	18.7	28.1



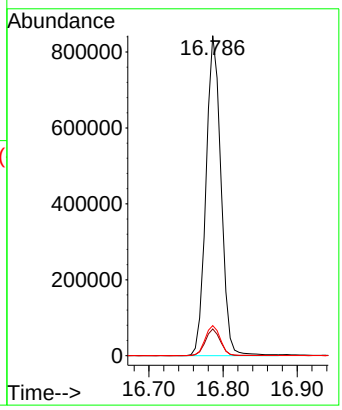


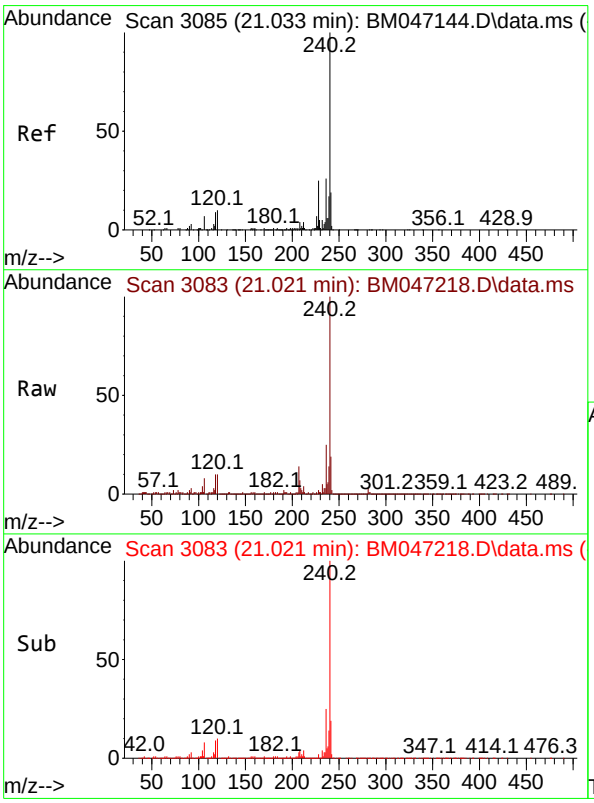
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Tgt Ion:188 Resp: 1186484

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.4	8.0	12.0

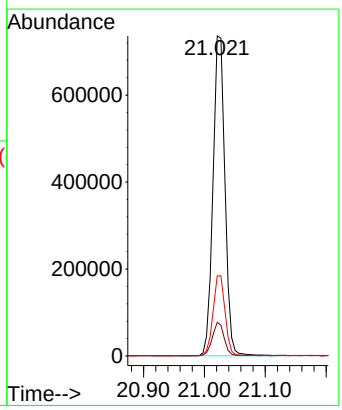


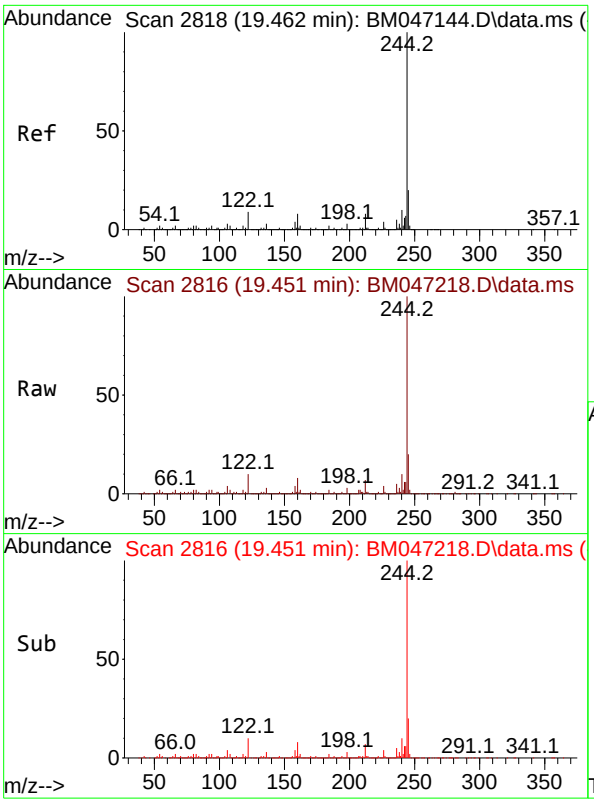


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion:240 Resp: 1004488

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	25.0	20.6	30.8



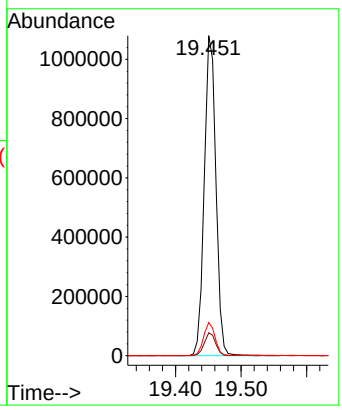


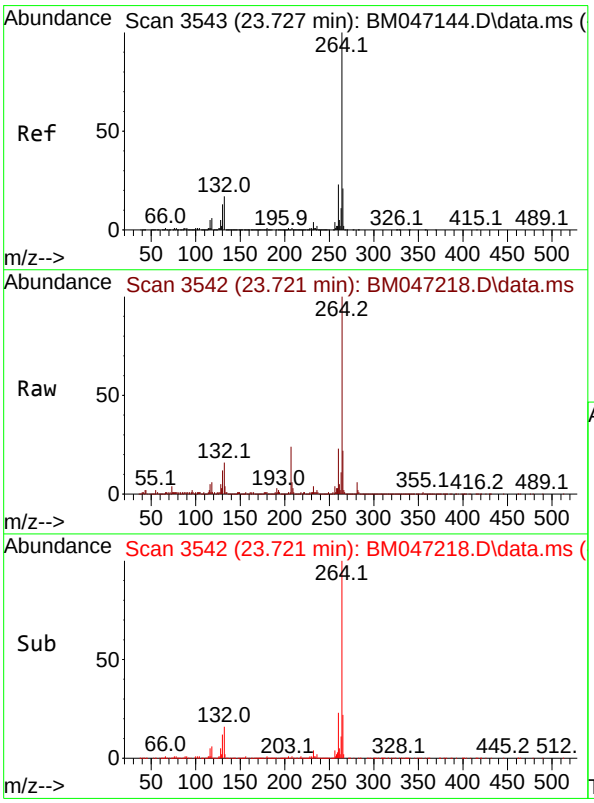
#79
Terphenyl-d14
Concen: 28.497 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Instrument :
BNA_M
ClientSampleId :
OU4-TS-02-080724

Tgt Ion:244 Resp: 1335906

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.4
122	10.3	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BM047218.D
Acq: 15 Aug 2024 16:52

Tgt Ion:264 Resp: 1141754

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	22.3	17.3	25.9